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VITAL STATISTICS



WEST VIRGINIA DEPARTMENT OF HEALTH

HEALTH STATISTICS CENTER

STATE OF WEST VIRGINIA
DEPARTMENT OF HEALTH
HEALTH STATISTICS CENTER

FORTIETH ANNUAL REPORT
VITAL HEALTH STATISTICS
OF
WEST VIRGINIA
1986

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FOREWORD

Data used to prepare this report are taken from birth, death, fetal (stillborn), marriage, and divorce certificates of these events occurring in calendar year 1986 and filed in the Office of the West Virginia Registrar of Vital Statistics prior to June 1, 1987. Vital events occurring to West Virginia residents in other states and recorded in the office of the registrar by June 1 are also included in totals by residence.

All statistics contain variations that are the result of chance. This characteristic is of particular importance in classifications with small numbers of events, where small variations are proportionately large in relation to base figures. As an example, small changes in the number of deaths or births in small population areas or in the number of deaths from uncommon causes could result in large changes in the respective rates. For this reason, rates for counties with small populations or other small bases should be used cautiously.

Suggestions and comments on alternate methods of data presentation are welcome. Forward any suggestions to the address below:

Health Statistics Center
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WEST VIRGINIA
VITAL STATISTICS SUMMARY
1986

Population

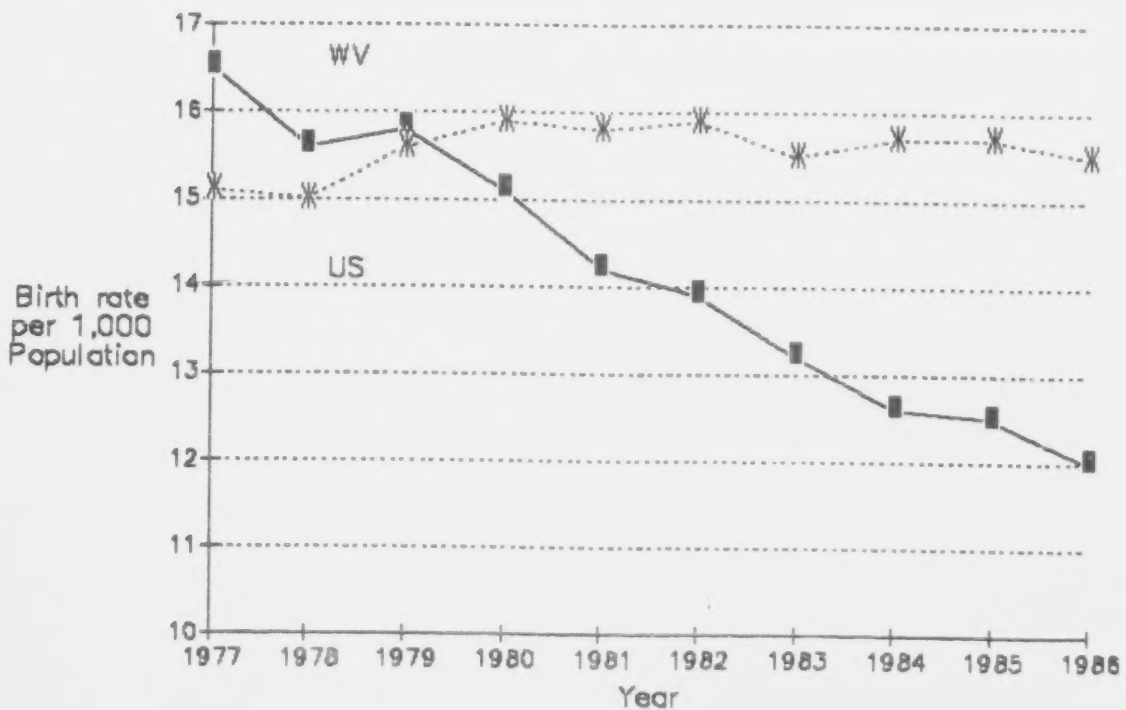
During 1986, 3,320 West Virginians were added to the population as a result of natural increase, the excess of births over deaths. The rate of natural increase was 1.7 persons per 1,000 population, 29% lower than the 1985 rate of 2.4. For the United States, the rate of natural increase was 6.8 persons per 1,000 population, 3% below the 1985 rate of 7.0. According to the July 1, 1986, population estimate provided by the Bureau of the Census, West Virginia's population had decreased by 31,000 (1.6%) since the 1980 census, indicating that outmigration during the five-year period exceeded the sum of immigration and natural increase.

Live Births

For the seventh year in a row, West Virginia births decreased, with a total of 23,179 resident live births in 1986. A birth rate of 12.1 per 1,000 population was reported in 1986, compared to 12.5 in 1985. During the past decade, the number of live births peaked at 30,020 in 1977, leveled off through 1979, and decreased from 1980 through 1986 by nearly 1,100 births per year.

The U.S. 1986 provisional birth rate was 15.5 live births per 1,000 population, 1% below the rate for 1985 (15.7). As the graph below shows, West Virginia's birth rate fell below the national birth rate for the first time in 1980, and has continued to drop even farther through 1986.

WEST VIRGINIA AND UNITED STATES BIRTH RATES
1977-1986
(Rate per 1,000 Population)



The percentage of births to women aged 30 and over exceeded that of births to teenage mothers (ages 10-19) for the third year in a row. Compared to 1980, when 20% of total births were to mothers aged 10-19 and 15% to mothers aged 30 and over, in 1986, 17% of the births were to teens and 20% of the births were to

mothers 30 and over. This shift can be explained by both the continued decrease in the teenage female population during the 1980s and the fact that many women are delaying childbearing until later years.

The percentage of total births occurring in hospitals decreased from 99.8% in 1985 to 99.6% in 1986. The percentage of all births attended by a physician increased slightly to 98.9%. The number of home births decreased from 114 in 1985 to 91 in 1986. Thirty-four babies were born enroute to hospitals, and 153 (0.7%) were delivered in free-standing birthing centers.

In both West Virginia and the United States, the number and percentage of live births occurring out of wedlock has risen steadily during the past decade. For West Virginia in 1986, the percentages of white and nonwhite births that occurred out of wedlock were 18% and 50%, respectively, compared with 16% and 48% in 1985. Corresponding national percentages were 13% and 59%, respectively, in 1984, according to the National Center for Health Statistics. While the total number of births to teenage mothers decreased by 135 (from 4,105 in 1985 to 3,970 in 1986), the percentage of teen births that were to unmarried mothers increased 8%, from 42% in 1985 to 45.4% in 1986. Women aged 20 and over accounted for 60% of nonmarital births in 1986, compared to 56% in 1980.

The percentage of live births of low birthweight (less than 2,500 grams, or 5½ pounds) infants increased slightly, from 6.9% in 1985 to 7.0% in 1986. Of the 1,627 low-birthweight babies, 847 or 52% were preterm babies born before 37 weeks of gestation. Nearly 10% of all 1986 resident live births were preterm babies. Of the births with known birthweight, 11.8% of black babies and 6.8% of white babies were of low birthweight, and 9.2% and 16.6%, respectively, were preterm deliveries. Of the 3,970 births to teenage mothers, 8.9% were low-birthweight infants, unchanged from 1985. Twelve percent of the babies born to black teenage mothers weighed less than 2,500 grams, down from 18% in 1985. Nationally, in 1984 6.7% of infants weighed less than 2,500 grams at birth, 5.6% of white infants and 12.4% of black infants.

Seventy-one percent of resident mothers who received prenatal care began their care during the first trimester of pregnancy. Among those receiving prenatal care, 72% of the mothers of white babies began care during the first trimester; 56% of the mothers of black babies did so. No prenatal care was received by 1.2% of the mothers of white babies and by 3.0% of the mothers of black babies. Four percent of unmarried mothers had no prenatal care, another 13% did not begin prenatal care until the third trimester, and only 46% began their care during the first trimester, compared to 76% for married mothers.

Deaths

The number of West Virginia resident deaths increased 1.2%, from 19,425 in 1985 to 19,859 in 1986. The state's crude death rate increased 3%, from 10.0 to 10.3. The national 1986 provisional death rate was 8.7 deaths per 1,000 population, unchanged from 1984 and 1985. The average age at death for West Virginians was 67.4 for men and 73.4 for women. Eighty-two residents who died in 1986 were age 100 or older; the oldest was a 112-year-old Marion County resident.

The relative ranking of the ten leading causes of death remained unchanged from 1985. Heart diseases, cancer, and stroke, the three leading causes, accounted for 67% of West Virginia resident deaths and 66% of United States deaths in 1986. Deaths due to heart diseases and stroke both decreased 0.4%, while the number of deaths due to cancer increased 4.4%. Deaths due to chronic obstructive pulmonary disease (COPD) increased 7.2%, and there were 58 more deaths due to pneumonia and influenza in 1986 than in 1985, an increase of nearly 10%.

Deaths from unintentional injuries, or accidents of all forms, the fourth leading cause of death, decreased by 59 or 6.2%, from 952 in 1985 to 893 in 1986.

Unintentional injuries remained the leading cause of death for ages 1 through 34 years. The leading single cause of death for young adults aged 15 through 34 was motor vehicle fatalities, which accounted for 34% of all deaths for this age group in 1986, compared with 35% in 1985. West Virginia's 1986 motor vehicle fatalities included 7 children under 5 years of age, compared to 13 such deaths in 1985.

Suicides increased by 15 or 6%, from 255 in 1985 to 270 in 1986. While suicide is the eighth leading cause of death overall, it is the second leading cause of death for ages 15-34. Teen suicides increased from 9 in both 1984 and 1985 to 20 in 1986. Male suicides increased 10%, from 197 in 1985 to 219 in 1986; female suicides decreased 12%, from 58 in 1985 to 51 in 1986.

Fetal Deaths

The 174 resident fetal deaths of 20 or more weeks gestation reported in 1986 were the lowest number ever reported in the state. The 1986 fetal death rate was 7.5 per 1,000 live births, down 12.8% from 1985. The vast majority (89%) of fetal deaths were due to conditions originating in the perinatal period, including complications of placenta, cord and membrane (39%), maternal conditions (5%), maternal complications (6%), short gestation and low birthweight (3.4%), and other and ill-defined perinatal conditions (27%). Congenital anomalies accounted for 11% of all fetal deaths.

Fifty-nine percent of women whose pregnancy resulted in a fetal death in 1986 began prenatal care during the first trimester, compared to 71% of women having live births. Of the women with known prenatal care, 12% had care that was inadequate, i.e., care begun in the third trimester or no prenatal care.

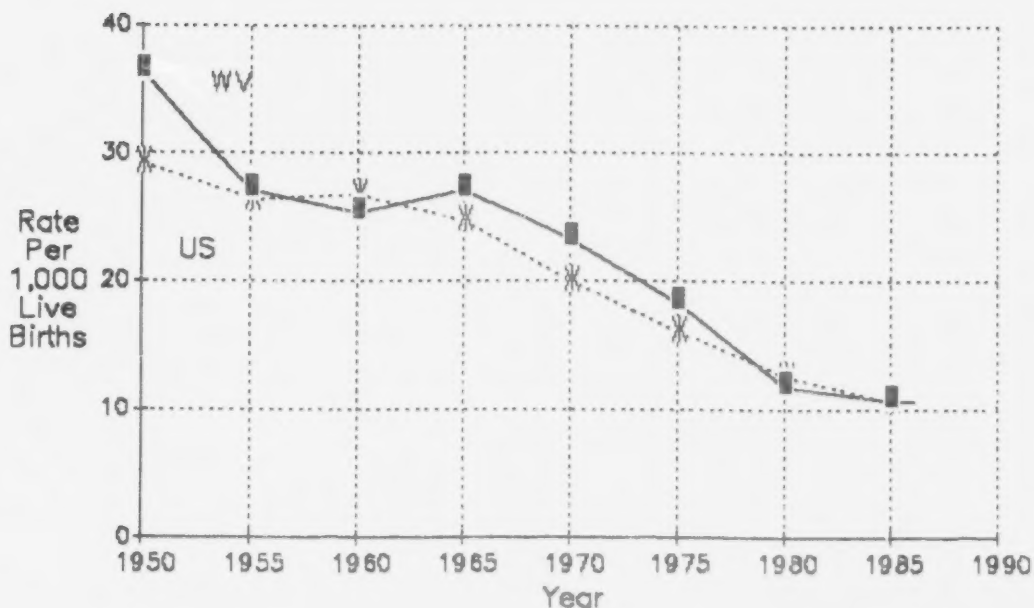
Prematurity is the greatest risk factor associated with fetal deaths. Of the 1986 fetal deaths with known birthweight and gestational age, 97 or 67% weighed less than 2,500 grams; 72% were preterm deliveries before 37 weeks of gestation.

Infant Deaths

Continuing a twenty-year trend, deaths of infants under one year of age fell from 257 in 1985 to 237 in 1986. West Virginia's infant mortality declined 4.7% from 10.7 per 1,000 live births in 1985 to 10.2 in 1986, the lowest rate ever recorded for the state. The U.S. provisional infant mortality rate was 10.4, a 2% decrease from the 1985 rate of 10.6.

West Virginia's infant mortality rate has been moving steadily toward the U.S. rate over the past several years. Since 1975, the number of resident infant deaths has decreased 54%, with a corresponding 44% reduction in the infant mortality rate. The following graph shows the decline in the national and state infant mortality rates from 1950 through 1986.

WEST VIRGINIA AND UNITED STATES INFANT MORTALITY RATES
1950-1986
(Rate per 1,000 Live Births)



The state's 1986 black infant mortality rate was more than twice the rate for white infants. West Virginia's 1986 race-specific infant mortality rates and the U.S. rates for 1984 (the latest year for which national figures are available) are shown below.

1986 WEST VIRGINIA AND 1984 UNITED STATES
INFANT MORTALITY BY RACE
(Number and Rate per 1,000 Live Births)

	WEST VIRGINIA 1986		UNITED STATES 1984	
	Number	Rate	Number	Rate
All Races	237	10.2	39,580	10.8
White	210	9.5	27,608	9.4
Black	24	26.2	10,881	18.4

Nearly half (43%) of all 1986 infant deaths were attributed to the broad category referred to as "certain conditions originating in the perinatal period." This cause-of-death grouping includes disorders relating to short gestation and unspecified low birthweight (11%), respiratory distress syndrome (9%), other respiratory conditions of newborns (5%), and all other and ill-defined conditions originating in the perinatal period (8%), as well as maternal complications, hypoxia and asphyxia, etc. The second leading cause was congenital anomalies, listed as the cause of death for over 20% of all 1986 infant deaths, with anomalies of the heart (6%) and the circulatory system (2%) leading the category. The 28 sudden infant death syndrome (SIDS) deaths accounted for 12% of all infant deaths.

As shown in the table below, generally recognized risk factors were associated with a disproportionate percentage of the state's infant deaths in 1986.

RISK FACTOR	PERCENT TOTAL BIRTHS	PERCENT INFANT DEATHS	PERCENT FETAL DEATHS
Low birthweight (<2500 gms.)	7.0%	61.5%	65.5%
Multiple births	1.9%	13.4%	7.5%
Preterm delivery (<37 wks. gest.)	9.5%	53.7%	62.1%
Black race	4.0%	10.3%	2.3%
Mother's education less than 12 years	26.9%	37.9%	31.0%
Unmarried mother	19.3%	25.5%	25.3%
Teenage mother	17.1%	21.6%	28.7%

Neonatal Deaths

The number of neonatal deaths decreased by 22, from 175 in 1985 to 153 in 1986; the neonatal death rate dropped from 7.3 deaths to infants under 28 days per 1,000 live births to 6.6. The United States provisional 1986 rate decreased from 6.8 to 6.7. Neonatal deaths comprised 65% of all West Virginia resident infant deaths in 1986, compared to 68% in 1985. The decrease in neonatal deaths alone accounted for the overall drop in infant deaths in 1986, since the number of postneonatal deaths increased from 82 in 1985 to 84 in 1986.

Maternal Deaths

One maternal death was reported in 1986, giving a rate of 4.3 deaths per 100,000 live births, compared with the U.S. provisional 1986 rate of 0.1. During the past decade, the number of maternal deaths reported in the state has fluctuated from 7 in 1979 to 1 each in 1976, 1985, and 1986.

Marriages

Marriages declined from 14,580 in 1985 to 14,033 in 1986, a decrease of 4%. The marriage rate in 1986 was 7.3 per 1,000 population, compared to 7.5 per 1,000 population in 1985. The

U.S. marriage rate dropped 2%, from 10.2 per 1,000 population in 1985 to 10.0 in 1986. The 1986 U.S. rate is the lowest marriage rate since 1977. The number of marriages has declined steadily in West Virginia over the past seven years, from 17,391 in 1980 to 14,033 in 1986, with the marriage rate decreasing 18%, from 8.9 in 1980 to 7.3 in 1986.

The median age was 23 for brides and 25 for grooms for all marriages; for first marriages, the median age was 20 for brides and 22 for grooms. The mode, or most frequently reported age, for all marriages and also for first-time marriages was 18 for brides and 22 for grooms.

Divorces and Annulments

Following a slight increase in 1985, divorces continued the decline started in 1982. The number of divorces decreased from 9,851 in 1985 to 9,804 in 1986; the rate was unchanged at 5.1 per 1,000 population. Divorces increased 1% per year from 4,382 in 1968 to a peak of 10,748 in 1981, and have fallen at a rate of 1.8% per year since 1981. The U.S. rate for 1986 fell 4% from 5.0 in 1985 to 4.8 in 1986, the lowest U.S. rate since 1975.

Of the 9,804 divorces in West Virginia last year, 693 or 7.1% ended marriages of less than one year. Conversely, 453 marriages

or 5% were of over 25 years duration; one dissolved after 62 years. The median duration was 6.3 years, and the most frequently reported time from date of marriage to date of decree was 15 months.

Almost half (46.6%) of the 1986 divorces involved no children under 18 years of age in the family, while only one child was involved in 27.2%. The greatest number of children reported was 14.

Summary

In 1986, West Virginians experienced decreases in the number and rate of births, marriages, and divorces. While the number of all deaths increased slightly, the number and rate of fetal deaths, neonatal deaths, and total infant deaths declined to an all-time low for the state.

METHODOLOGY

Place of Residence vs. Place of Occurrence

Data on vital events can be reported in two ways, by county of residence or by county of occurrence. For example, Lincoln County reported 71 deaths as occurring within the confines of the county. However, resident deaths for 1986 totaled 188. With the exceptions of Tables 16 and 29, the mortality data presented in this report are based on county of residence, as county resident populations are used to calculate rates.

With the exception of Table 5, birth data are similarly reported by county of residence.

Geographic Classification

The county has been used as the basic unit of tabulation throughout this report. Data have also been supplied for health planning regions and for the total state. In some instances data have been supplied for individual cities.

Cause of Death Classification

The cause of death is coded from information contained in the medical certification section of the death certificate. This portion of the certificate is completed by the attending physician. In the case of an unattended death, the medical examiner is responsible for investigation and certification. As a general rule, data preceding 1949 cannot be accurately compared with those of later years due to the extensive revision of the coding rules made at that time. It was felt, however, that large causal categories could be compared. See Appendix B, "Grouping of ICDA Codes," for a listing of these selected causes.

International Classification of Diseases (ICDA)

The primary cause of death was coded in accordance with the Ninth Revision of the International Classification of Diseases Adapted for Use in the United States, 1975 (ICDA). The deaths with codes 000 through 799 were coded using the "nature of injury" causes, while those with codes 800 through 999 were coded using the E or "external cause" of death. The E codes are used to indicate a death due to an external rather than an internal cause. Thus a death from a gunshot wound would be coded using an E code; a death due to cancer would not.

In several tables individual causes of death have been grouped into important selected causes of death. The ICDA codes for the different groupings can be found in Appendix B.

Years of Potential Life Lost (YPLL)

The concept of years of potential life lost (YPLL), used on a national basis by the Centers for Disease Control since 1982, is being introduced in this report in Table 21 and Exhibit 14. YPLL is a measure of premature or preventable mortality occurring before the age of 65, calculated as the difference between age 65 and the age at death. The sum of YPLL over all deaths is the total YPLL from all persons dying before the age of 65. For example, a person dying at the age of 45 contributes 20 years to the total YPLL (65-45=20 YPLL). Not a substitute for traditional measures of mortality, YPLL is instead an important tool in emphasizing and evaluating those leading causes of death among persons under 65 years of age.

Population

The 1986 rates given in this publication were calculated using the provisional population estimate of 1,919,000 provided by the U.S. Department of Commerce, Bureau of the Census, in Current Population Reports, Series P-26, 86-A, August 1987. This estimate was rounded to the nearest thousand, however, in all tables and figures published in this report in order to be consistent with the estimates provided for other noncensus years.

Forms

The following is a list of the certificates and forms used in obtaining the data used in this publication. A sample copy of each can be found in Appendix A.

- Certificate of Live Birth
- Physician's Certificate of Death
- Medical Examiner's Certificate of Death
- Certificate of Fetal Death
- Application for Marriage License
- Monthly Report of Divorces and Annulments of Marriage Granted

RATES AND RATIOS

The impact of chance variation must be considered in evaluating categories with small frequencies. For example, a small change in the number of infant deaths in a county can disproportionately affect the infant mortality rate for that county. Rates for cities and counties therefore require special consideration. Regional and state rates, with larger frequencies, provide more realistic data.

Rates used in this report are calculated with 1986 provisional population figures reported in Current Population Reports, Series P-26, 86-A, August 1987, published by the U.S. Bureau of the Census.

Birth Rate (Crude)

$$= \frac{\text{Number of live births}}{\text{Population}} \times 1,000$$

Death Rate (Crude)

$$= \frac{\text{Number of deaths}}{\text{Population}} \times 1,000$$

Cause of Death Rate

$$= \frac{\text{Number of deaths from a stated cause}}{\text{Population}} \times 100,000$$

Infant Death Rate

$$= \frac{\text{Number of infant deaths}}{\text{Number of live births}} \times 1,000$$

Neonatal Death Rate

$$= \frac{\text{Number of neonatal deaths}}{\text{Number of live births}} \times 1,000$$

Fetal Death Ratio

$$= \frac{\text{Number of fetal deaths}}{\text{Number of live births}} \times 1,000$$

Maternal Death Rate

$$= \frac{\text{Number of maternal deaths}}{\text{Number of live births}} \times 100,000$$

DEFINITIONS

LIVE BIRTH - A live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

BIRTH WEIGHT - The weight of the fetus or infant at the time of delivery.

CAUSE OF DEATH - The underlying cause of death, or that condition giving rise to the chain of events leading to death.

FETAL DEATH (STILLBIRTH) - Death prior to the complete expulsion or extraction from its mother of a product of conception, having passed through at least the twentieth week of gestation; the fetus shows no signs of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles.

INFANT DEATH - Death occurring to an individual of less than one year of age.

NEONATAL DEATH - The death of a live-born infant that occurs within the first twenty-seven days of life.

MATERNAL DEATH - Death attributable to delivery or a complication of pregnancy, childbirth, or the puerperium as defined by the International Classification of Diseases.

OCCURRENCE DATA - Vital statistics compiled on the basis of where the vital event actually occurred.

RESIDENCE DATA - Vital statistics compiled on the basis of the usual place of residence of the person(s) to whom the vital event occurred. For births and fetal deaths, residence is defined as the mother's usual place of residence.

1986 WEST VIRGINIA AND UNITED STATES VITAL STATISTICS REVIEW

	WEST VIRGINIA		UNITED STATES***	
	Number	Rate*	Number	Rate
Live Births	23,179	12.1	3,731,000	15.5
Deaths	19,859	10.3	2,095,490	8.7
Fetal Deaths	174	7.5	N/A	N/A
Neonatal Deaths	153	6.6	24,620	6.7
Infant Deaths	237	10.2	38,600	10.4
Maternal Deaths	1	4.3	25	0.1
Marriages	14,033	7.3	2,400,000	10.0
Divorces & Annulments	9,804	5.1	1,159,000	4.8
Population	1,919,000**		237,100,000	

*All 1986 rates based upon July 1, 1986, midyear population estimates.

**U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-26, 86-A, August 1987.

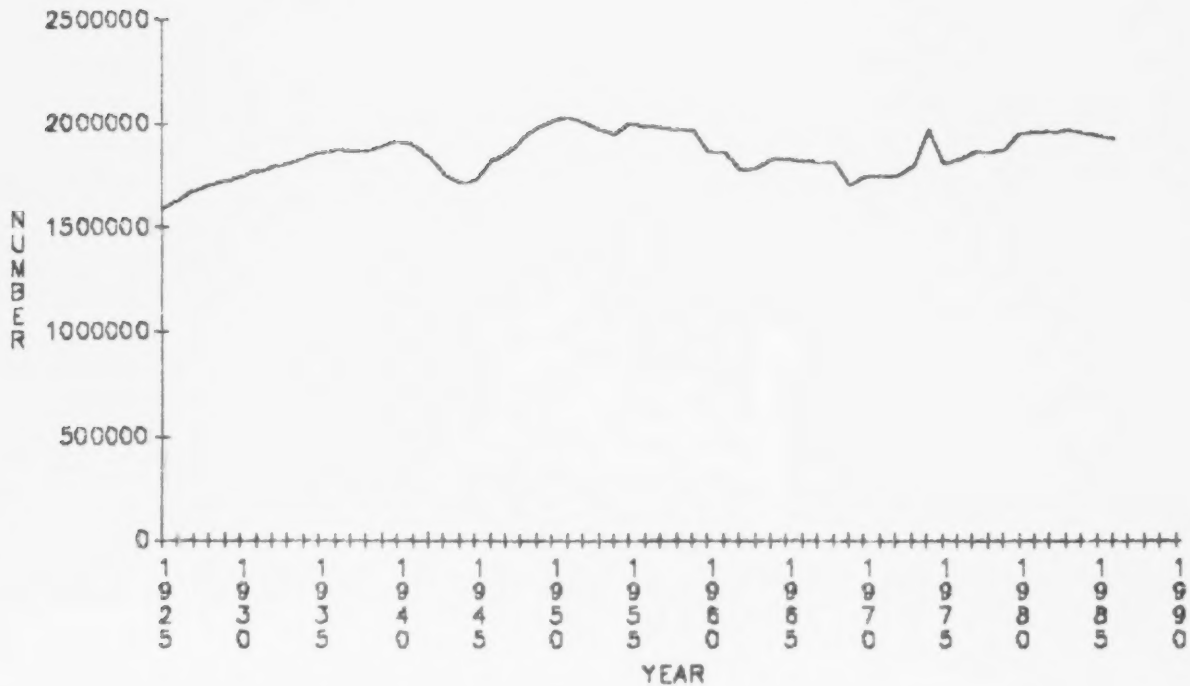
***National Center for Health Statistics. Monthly Vital Statistics Report, Vol. 35, No. 12, DHHS Pub. No. (PHS) 86-1120, April 2, 1987.

AVERAGE DAY STATISTICS
WEST VIRGINIA, 1986

Live Births	63.5
Deaths	54.4
Fetal Deaths	0.5
Infant Deaths	0.6
Heart Disease Deaths	21.1
Cancer Deaths	11.8
Cerebrovascular Deaths	3.7
Pneumonia/Influenza Deaths	1.8
Accidental Deaths	2.4
Motor Vehicle Deaths	1.2
Marriages	38.4
Divorces and Annulments	26.9

POPULATION

WEST VIRGINIA POPULATION 1925-1986
Exhibit 1



YEAR	POPULATION	CHANGE IN POPULATION	
		Years	Percentage Change
1925	1,593,005		
1930	1,729,205	1925 to 1930	8.5
1935	1,856,354	1930 to 1935	7.4
1940	1,901,974	1935 to 1940	2.5
1945	1,708,000	1940 to 1945	-10.2
1950	2,005,552	1945 to 1950	17.4
1955	1,880,000	1950 to 1955	-6.3
1960	1,860,421	1955 to 1960	-1.0
1965	1,786,000	1960 to 1965	-4.0
1970	1,744,237	1965 to 1970	-2.3
1975	1,803,000	1970 to 1975	3.4
1980	1,949,644	1975 to 1980	8.1
1981	1,954,000	1980 to 1981	0.2
1982	1,957,000	1981 to 1982	0.2
1983	1,965,000	1982 to 1983	0.4
1984	1,952,000	1983 to 1984	-0.7
1985	1,936,000	1984 to 1985	-0.8
1986	1,919,000	1985 to 1986	-0.9

WEST VIRGINIA POPULATION 1970 AND 1980
Table 1

COUNTY	1970*	1980**	COUNTY	1970*	1980**
Barbour	14,030	16,639	Monongalia	63,714	75,024
Berkeley	36,356	46,775	Monroe	11,272	12,873
Boone	25,118	30,447	Morgan	8,547	10,711
Braxton	12,666	13,894	Nicholas	22,552	28,126
Brooke	30,443	31,117	Ohio	63,439	61,389
Cabell	106,918	106,835	Pendleton	7,031	7,910
Calhoun	7,046	8,250	Pleasants	7,274	8,236
Clay	9,330	11,265	Pocahontas	8,870	9,919
Doddridge	6,389	7,433	Preston	25,455	30,460
Fayette	49,332	57,863	Putnam	27,625	38,181
Gilmer	7,782	8,334	Raleigh	70,080	86,821
Grant	8,607	10,210	Randolph	24,596	28,734
Greenbrier	32,090	37,665	Ritchie	10,145	11,442
Hampshire	11,710	14,867	Roane	14,111	15,952
Hancock	39,749	40,418	Summers	13,213	15,875
Hardy	8,855	10,030	Taylor	13,878	16,584
Harrison	73,028	77,710	Tucker	7,447	8,675
Jackson	20,903	25,794	Tyler	9,929	11,320
Jefferson	21,280	30,302	Upshur	19,092	23,427
Kanawha	229,515	231,414	Wayne	37,581	46,021
Lewis	17,847	18,813	Webster	9,809	12,245
Lincoln	18,912	23,675	Wetzel	20,314	21,874
Logan	46,269	50,679	Wirt	4,154	4,922
McDowell	30,666	49,899	Wood	86,818	93,648
Marion	61,356	65,789	Wyoming	30,095	35,993
Marshall	37,598	41,608			
Mason	24,306	27,045			
Mercer	63,206	73,942			
Mineral	23,109	27,234	TOTAL	1,744,237	1,949,644
Mingo	32,780	37,336			

*Population April 1, 1970, census as prepared by the U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-26, No. 77-48.

**U.S. Department of Commerce, Bureau of the Census, "West Virginia Final Population and Housing Unit Counts," PHC80-V-50, March 1981.

WEST VIRGINIA POPULATION 1985 AND 1986
Table 1b

COUNTY	1985*	1986**	COUNTY	1985*	1986**
Barbour	16,700	16,500	Monongalia	78,200	77,700
Berkeley	50,500	51,500	Monroe	12,200	12,200
Boone	30,100	29,900	Morgan	10,200	10,100
Braxton	14,800	14,600	Nicholas	28,400	28,400
Brooke	29,900	29,500	Ohio	59,200	58,000
Cabell	106,300	104,700	Pendleton	7,900	7,900
Calhoun	8,200	8,200	Pleasants	8,100	8,100
Clay	11,400	11,400	Pocahontas	9,700	9,500
Doddridge	7,700	7,700	Preston	30,500	30,400
Fayette	56,500	55,500	Putnam	41,500	42,300
Gilmer	8,500	8,500	Raleigh	85,800	84,200
Grant	9,800	9,700	Randolph	28,600	28,300
Greenbrier	38,800	38,400	Ritchie	11,300	11,200
Hampshire	16,100	16,200	Roane	15,600	15,500
Hancock	39,500	39,600	Summers	14,600	14,400
Hardy	9,900	10,000	Taylor	16,500	16,300
Harrison	76,100	75,200	Tucker	8,700	8,600
Jackson	26,400	26,300	Tyler	11,200	11,000
Jefferson	32,900	33,800	Upshur	25,000	24,700
Kanawha	227,600	224,100	Wayne	44,900	44,600
Lewis	18,900	18,700	Webster	11,900	11,900
Lincoln	21,200	21,100	Wetzel	21,900	21,700
Logan	50,200	49,500	Wirt	4,600	4,600
Marion	65,000	64,100	Wood	93,000	92,000
Marshall	40,100	39,200	Wyoming	35,400	34,700
Mason	26,000	25,900			
McDowell	46,400	45,300			
Mercer	71,300	70,900			
Mineral	27,800	27,700			
Mingo	37,000	36,800	TOTAL	1,936,000***	1,919,000***

*U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-26, 84-S-SC, June 1986.

**U.S. Department of Commerce, Bureau of the Census, Current Population Reports, Series P-26, 86-A, August 1987.

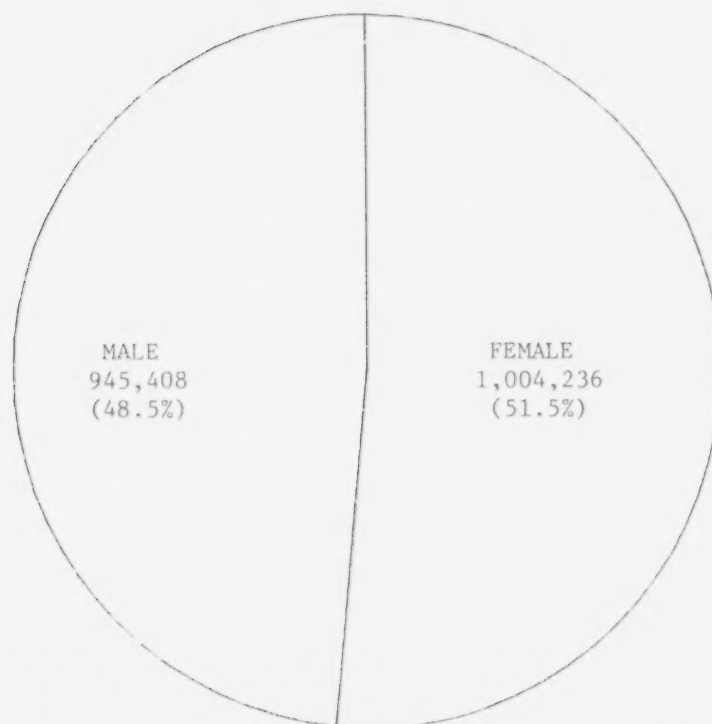
***Due to rounding techniques, county populations do not add to total.

WEST VIRGINIA POPULATION CHARACTERISTICS
 United States Census, 1980
 Age Group Distribution
 Exhibit 2



AGE	NUMBER	PERCENT
Under 5 Years	145,583	7.5
5-17 Years	414,053	21.2
18-44 Years	756,152	38.8
45-64 Years	395,988	20.3
65 Years and Over	237,868	12.2
TOTAL	1,949,644	100.0

WEST VIRGINIA POPULATION CHARACTERISTICS
 United States Census, 1980
 Sex Distribution
 Exhibit 3



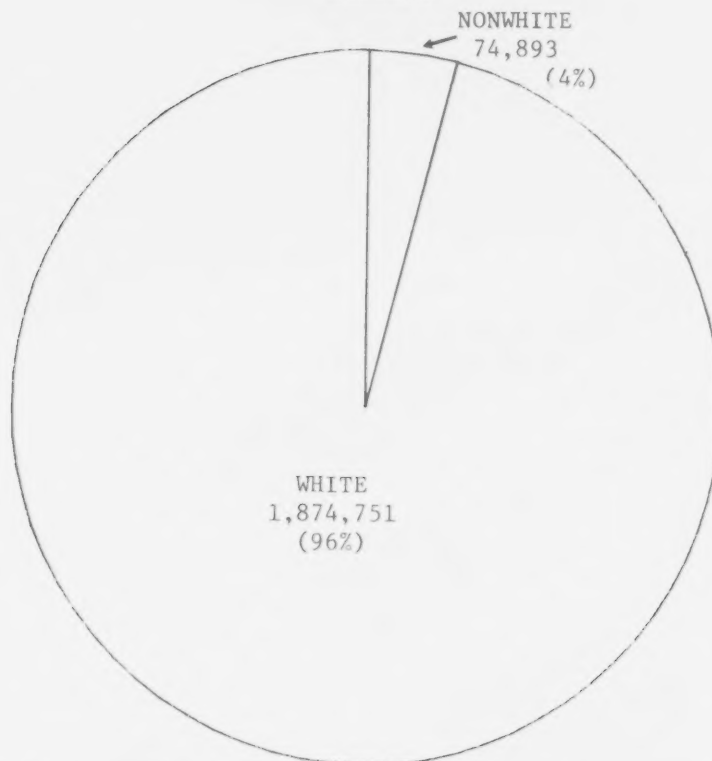
SEX	1970 CENSUS		1980 CENSUS	
	Number	Percent	Number	Percent
Female	899,568	51.6%	1,004,236	51.5%
Male	844,669	48.4%	945,408	48.5%
TOTAL	1,744,237	100%	1,949,644	100%

WEST VIRGINIA POPULATION CHARACTERISTICS

United States Census, 1980

Race Distribution

Exhibit 4

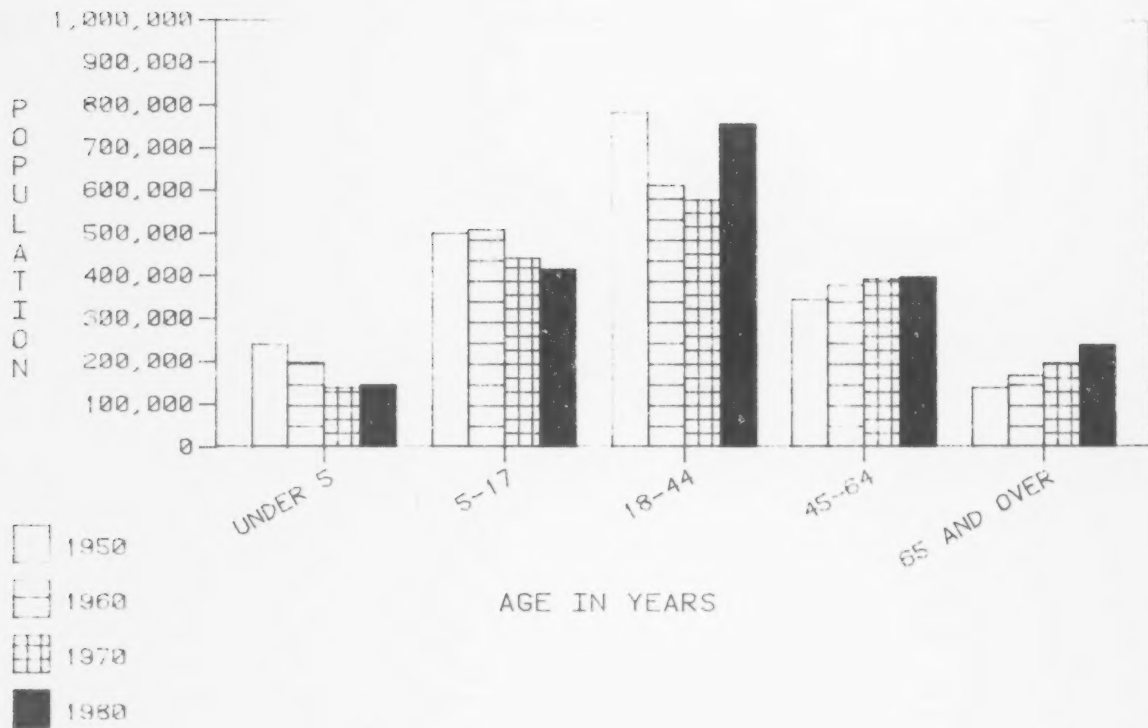


RACE	NUMBER	PERCENT
American Indian, Eskimo and Aleut	1,610	.08%
Asian and Pacific Islander ¹	5,194	.26%
Black	65,051	3.33%
Other	3,038	.15%
White	1,874,751	96.15%
TOTAL	1,949,644	100%
Spanish Origin ²	12,707	.65%

¹Some Asian and Pacific Islander groups such as Cambodian, Laotian, and Thai are included in the "Other" category. In sample tabulations, these groups will be included in the Asian and Pacific Islander category.

²Persons of Spanish origin may be of any race.

WEST VIRGINIA POPULATION 1950-80
Age Group Distribution
Exhibit 5



AGE IN YEARS	1950*	1960*	1970*	1980*
Under 5 Years	240,107	196,291	138,249	145,583
5-17 Years	499,748	507,531	441,988	414,053
18-44 Years	783,444	612,461	577,787	756,152
45-64 Years	343,727	377,888	391,739	395,988
65 Years and Over	138,526	166,250	194,474	237,868
TOTAL	2,005,552	1,860,421	1,744,237	1,949,644

*Enumerated as of April 1 of the specified year. (U.S. Department of Commerce, Bureau of the Census)

WEST VIRGINIA POPULATION 1980
Age Group Distribution by County
Table 2

County of Residence	Under 5 Years	5-9 Years	10-19 Years	20-44 Years	45-64 Years	65 & Over	TOTAL
Barbour	1,190	1,335	3,005	5,613	3,144	2,352	16,639
Berkeley	3,532	3,682	7,993	16,572	9,671	5,325	46,775
Boone	2,766	2,892	5,207	10,998	5,665	2,919	30,447
Braxton	955	1,072	2,398	4,482	2,803	2,184	13,894
Brooke	2,160	2,334	5,356	10,886	6,871	3,510	31,117
Cabell	7,109	7,366	17,046	38,066	22,647	14,601	106,835
Calhoun	649	636	1,395	2,728	1,586	1,256	8,250
Clay	972	1,060	2,222	3,682	2,000	1,329	11,265
Doddridge	550	614	1,377	2,331	1,415	1,146	7,433
Fayette	4,550	4,747	10,106	18,823	11,767	7,870	57,863
Gilmer	621	553	1,654	2,847	1,436	1,223	8,334
Grant	766	842	1,806	3,545	2,025	1,226	10,210
Greenbrier	2,688	2,781	6,383	12,725	7,613	5,475	37,665
Hampshire	1,079	1,207	2,809	4,857	3,074	1,841	14,867
Hancock	2,766	3,162	6,697	13,979	9,290	4,524	40,418
Hardy	664	719	1,737	3,366	2,157	1,387	10,030
Harrison	5,368	5,887	12,536	25,607	17,006	11,306	77,710
Jackson	1,920	2,011	4,809	9,158	5,243	2,653	25,794
Jefferson	2,255	2,477	5,566	11,203	5,731	3,070	30,302
Kanawha	16,467	16,150	35,490	83,710	52,004	27,593	231,414
Lewis	1,349	1,378	3,020	6,108	3,898	3,060	18,813
Lincoln	1,982	2,183	4,601	8,037	4,337	2,535	23,675
Logan	4,681	4,865	8,818	17,655	9,891	4,769	50,679
McDowell	4,514	4,831	9,587	16,263	9,553	5,151	49,899
Marion	4,404	4,818	10,624	22,291	14,246	9,406	65,789
Marshall	2,949	3,411	6,894	14,818	8,656	4,880	41,608
Mason	2,175	2,102	4,655	9,504	5,459	3,150	27,045
Mercer	5,406	5,861	12,307	25,517	15,295	9,556	73,942
Mineral	1,991	2,201	5,013	9,322	5,483	3,224	27,234
Mingo	3,582	3,669	7,170	13,001	6,743	3,171	37,336

WEST VIRGINIA POPULATION 1980
Age Group Distribution by County
Table 2 (cont'd)

County of Residence	Under 5 Years	5-9 Years	10-19 Years	20-44 Years	45-64 Years	65 & Over	TOTAL
Monongalia	4,699	4,551	12,990	33,805	12,054	6,925	75,024
Monroe	931	1,004	2,248	4,113	2,704	1,873	12,873
Morgan	722	830	1,810	3,545	2,373	1,431	10,711
Nicholas	2,368	2,471	5,111	9,780	5,430	2,966	28,126
Ohio	3,719	3,889	9,707	20,813	13,841	9,420	61,389
Pendleton	592	542	1,241	2,714	1,607	1,214	7,910
Pleasants	589	675	1,557	2,920	1,579	916	8,236
Pocahontas	693	676	1,671	3,216	2,041	1,622	9,919
Preston	2,515	2,502	5,343	10,459	5,784	3,857	30,460
Putnam	3,053	3,189	6,610	14,651	7,276	3,402	38,181
Raleigh	7,193	7,468	14,091	30,266	17,414	10,389	86,821
Randolph	2,020	2,158	5,081	10,252	5,349	3,874	28,734
Ritchie	889	882	1,838	3,717	2,199	1,917	11,442
Roane	1,265	1,198	2,568	5,394	3,260	2,267	15,952
Summers	1,208	1,117	2,446	5,629	3,313	2,162	15,875
Taylor	1,231	1,314	2,868	5,494	3,326	2,351	16,584
Tucker	593	662	1,536	2,854	1,662	1,368	8,675
Tyler	828	918	2,131	3,730	2,226	1,487	11,320
Upshur	1,735	1,856	4,308	8,596	3,999	2,933	23,427
Wayne	3,554	3,921	8,294	16,159	9,266	4,827	46,021
Webster	1,005	1,126	2,233	4,030	2,259	1,592	12,245
Wetzel	1,569	1,858	4,013	7,447	4,286	2,701	21,874
Wirt	329	395	976	1,637	928	657	4,922
Wood	6,765	7,173	16,144	33,597	18,605	11,364	93,648
Wyoming	3,458	3,581	6,597	13,198	6,498	2,661	35,993
TOTAL	145,583	152,802	331,693	685,710	395,988	237,868	1,949,644

*SOURCE: 1980 West Virginia Census Population Profile, STF1.

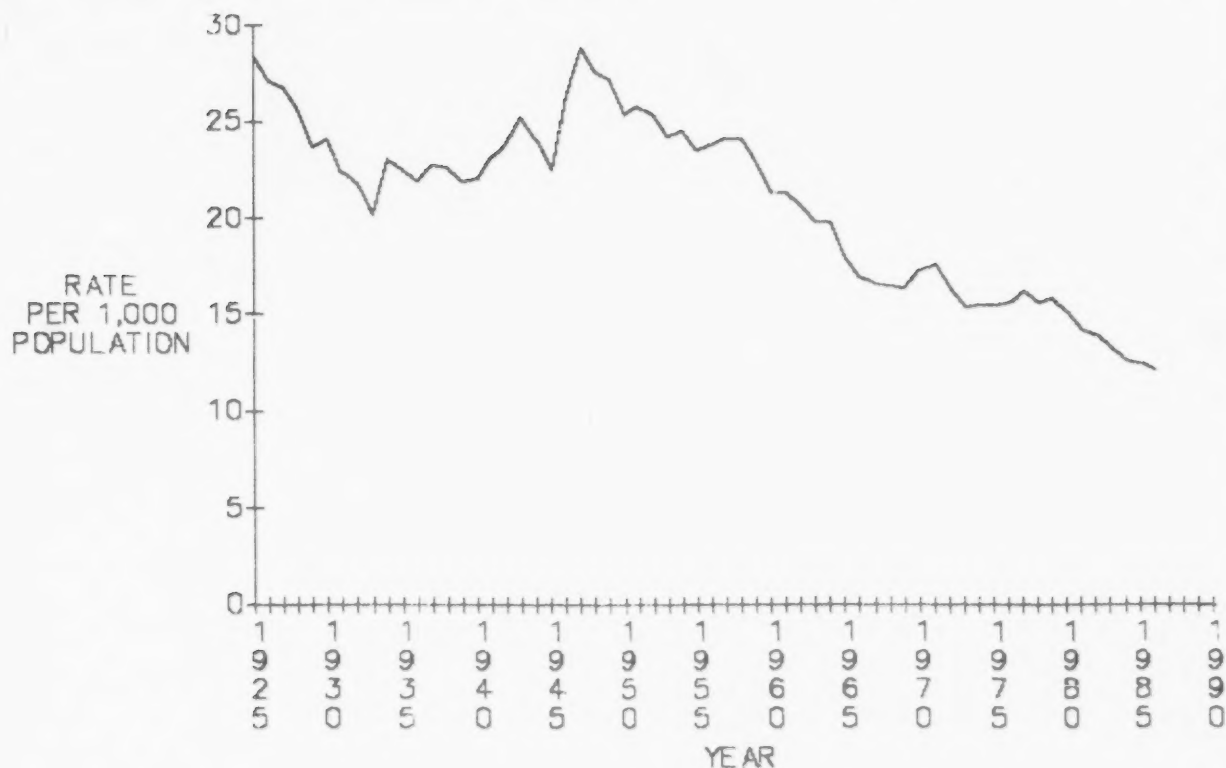
WEST VIRGINIA POPULATION 1940-1986
Birth and Death Rates
Table 3

YEAR	ESTIMATED MIDYEAR POPULATION	BIRTH RATE (per 1,000 Population)	DEATH RATE per 1,000 Population)
1940	1,901,974A	22.0	9.2
1941	1,885,000	23.1	9.4
1942	1,831,000	23.8	9.3
1943	1,741,000	25.2	10.0
1944	1,706,000	24.0	9.8
1945	1,708,000	22.5	9.6
1946	1,826,000	26.4	8.8
1947	1,883,000	28.8	9.1
1948	1,899,000	27.5	9.3
1949	1,930,000	27.1	8.9
1950	2,005,552A	25.4	8.7
1951	1,934,000	25.7	8.6
1952	1,957,000	25.3	8.8
1953	1,929,000	24.2	8.6
1954	1,905,000	24.5	8.5
1955	1,880,000	23.5	8.9
1956	1,857,000	23.8	9.1
1957	1,843,000	24.1	9.7
1958	1,845,000	24.1	9.6
1959	1,855,000	22.8	9.5
1960B	1,860,421A	21.3	9.7
1961	1,328,000	21.3	9.8
1962	1,809,000	20.6	10.3
1963	1,796,000	19.8	10.8
1964	1,797,000	19.8	10.4
1965	1,786,000	17.9	10.7
1966	1,775,000	16.9	10.9
1967	1,769,000	16.6	10.9
1968	1,763,000	16.5	11.1
1969	1,746,000	16.4	11.3
1970	1,744,237A	17.3	11.4
1971	1,768,000	17.6	11.1
1972	1,795,000	16.3	11.5
1973	1,782,000	15.4	11.2
1974	1,784,000	15.5	10.9
1975	1,803,000	15.5	10.8
1976	1,833,000	15.6	10.7
1977	1,853,000	16.2	10.4
1978	1,860,000	15.6	10.4
1979	1,878,000	15.8	10.0
1980	1,949,644A	15.1	9.8
1981	1,954,000	14.2	9.7
1982	1,957,000	13.9	9.7
1983	1,965,000	13.2	9.8
1984	1,952,000	12.6	9.8
1985	1,936,000	12.5	10.0
1986C	1,919,000	12.1	10.3

- A Enumerated as of April 1 of the specified year. (U.S. Department of Commerce, Bureau of the Census)
- B Source of data 1940 through 1960: U.S. Department of Health, Education, and Welfare, Public Health Service, Vital Statistics Rates in the United States 1940-1960.
- C Source of data 1961 through 1986: U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-25 and P-26.

BIRTHS

WEST VIRGINIA RESIDENT BIRTHS 1925-1986
Number and Rate
Exhibit 6



YEAR	NUMBER OF LIVE BIRTHS	RATE PER 1,000 POPULATION
1925	45,240	28.4
1930	41,614	24.1
1935	41,775	22.5
1940	41,900	22.0
1945	38,446	22.5
1950	50,850	25.4
1955	44,199	23.5
1960	39,696	21.3
1965	31,958	17.9
1970	30,194	17.3
1975	27,960	15.5
1980	29,438	15.1
1981	27,810	14.2
1982	27,263	13.9
1983	25,875	13.2
1984	24,551	12.6
1985	24,108	12.5
1986	23,179	12.1

WEST VIRGINIA RESIDENT BIRTHS 1986
Summary Totals
Table 4

	NUMBER	PERCENTAGE OF TOTAL
TOTAL	23,179	100.0
<u>SEX</u>		
Male	11,948	51.5
Female	11,231	48.5
<u>RACE</u>		
White	22,168	95.6
Nonwhite	1,011	4.4
<u>ATTENDANT AT BIRTH</u>		
Physician	22,913	98.9
Certified Nurse Midwife	159	0.7
Lay Midwife	17	0.1
EMT/Paramedic	15	0.1
All Other	75	0.3
<u>PLACE OF BIRTH</u>		
Hospital	22,894	98.8
Freestanding Birthing Center	153	0.7
Home	91	0.4
Enroute to Hospital	34	0.1
Other	7	0.0
<u>MOTHER'S MARITAL STATUS</u>		
White:		
Married	18,205	78.5
Not Married	3,963	17.1
Nonwhite:		
Married	509	2.2
Not Married	502	2.2

WEST VIRGINIA RESIDENT BIRTHS 1986
Rates per Thousand Population
Region and County
Exhibit 7



REGION	1986 POPULATION	NUMBER OF LIVE BIRTHS	RATE
1	261,700	3,013	11.5
2	282,600	3,422	12.1
3	307,700	3,863	12.6
4	143,700	1,653	11.5
5	176,900	2,226	12.6
6	271,400	3,188	11.7
7	119,900	1,503	12.5
8	71,500	845	11.8
9	95,400	1,407	14.7
10	118,900	1,443	12.1
11	69,100	616	8.9
TOTAL	1,919,000*	23,179	12.1

*Due to rounding techniques, regional populations do not add to total.

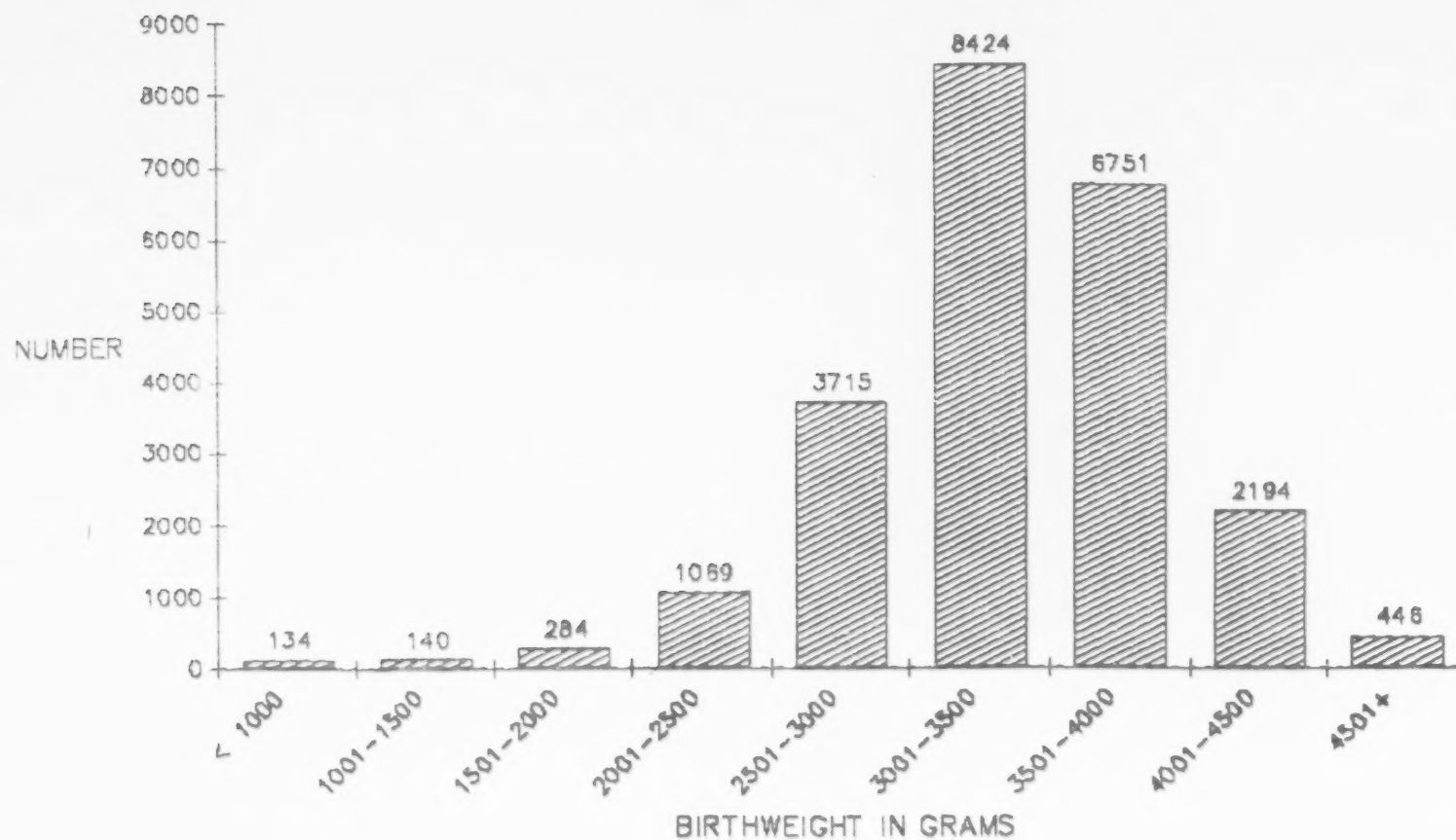
WEST VIRGINIA BIRTHS 1986
Number by County of Residence and Occurrence
Rate by County of Residence
Table 5

COUNTY	RESIDENCE		OCCURRENCE	COUNTY	RESIDENCE		OCCURRENCE
	NUMBER	RATE			NUMBER	RATE	
BARBOUR	215	13.0	156	MORGAN	887	11.4	1,658
BEPKELEY	785	15.2	657	MONROE	155	12.7	8
BOONE	375	12.5	0	MORGAN	111	11.0	20
BRAXTON	180	12.3	3	NICHOLAS	381	13.4	327
BROOKE	247	8.4	227	OHIO	672	11.6	2,227
CAPELL	1,203	11.5	2,708	PENDLETON	109	13.8	2
CALHOUN	129	15.7	98	PLEASANTS	78	9.6	0
CLAY	189	16.6	2	POCAHONTAS	100	10.5	2
DODDRIDGE	75	9.7	2	PRESTON	392	12.9	263
FAYETTE	608	11.0	190	PUTNAM	573	13.7	66
GILMER	97	11.4	0	RALEIGH	916	10.9	1,272
GRANT	127	13.1	197	RANDOLPH	351	12.4	600
GREENBRIER	422	11.0	452	RITCHIE	121	10.8	3
HAMPSHIRE	192	11.9	4	ROANE	190	12.3	190
HANCOCK	369	9.3	0	SUMMERS	149	10.3	135
HARDY	115	11.5	0	TAYLOR	193	11.8	90
HARRISON	991	13.2	1,092	TUCKER	86	10.0	9
JACKSON	348	13.2	83	TYLER	147	13.4	67
JEFFERSON	511	15.1	395	UPSHUR	341	13.8	247
KANAWHA	2,721	12.1	4,281	WAYNE	523	11.7	2
LEWIS	233	12.5	312	WEBSTER	142	11.9	83
LINCOLN	291	13.8	0	WEITZEL	299	13.8	215
LOGAN	576	11.6	1,004	WIRT	82	17.8	0
MCDOWELL	620	13.7	36	WOOD	1,131	12.3	1,533
MYRON	650	10.1	639	WYOMING	380	11.0	0
MARSHALL	472	12.0	218				
MASON	284	11.0	450	TOTAL	23,179	12.1	24,256
MERCER	793	11.2	1,841				
MINERAL	302	10.9	6				
NINGO	545	14.8	164				

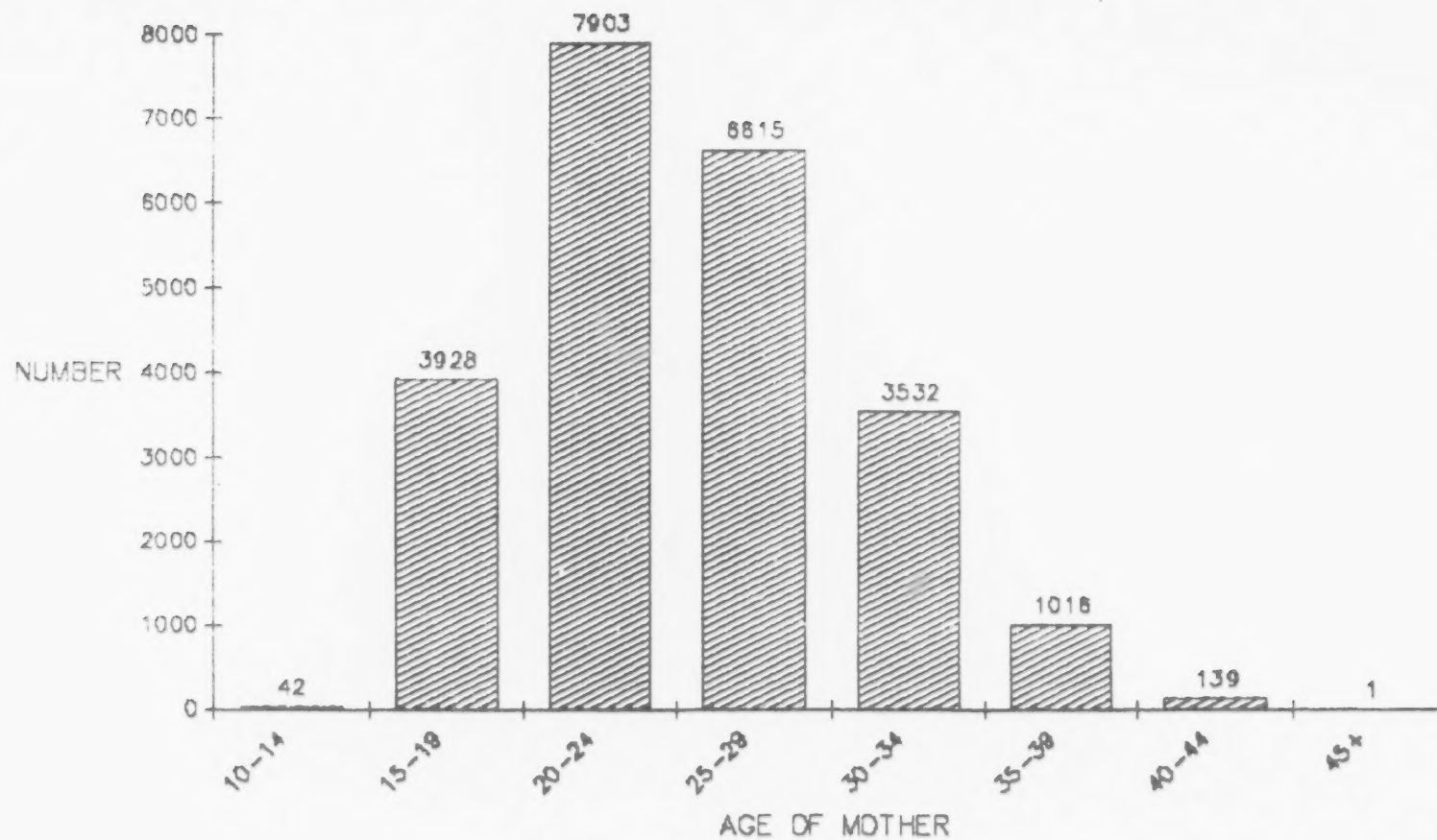
WEST VIRGINIA RESIDENT BIRTHS 1982-1986
Number by County of Residence
Table 6

COUNTY	1982	1983	1984	1985	1986	COUNTY	1982	1983	1984	1985	1986
BARBOUR	216	220	230	193	215	MONONGALIA	948	968	905	934	887
BERKELEY	737	693	724	759	785	MONROE	197	174	155	170	155
BOWNE	427	405	382	342	375	MORGAN	145	130	115	139	111
BRAXTON	200	198	164	214	180	NICHOLAS	411	384	377	369	381
BROOKE	353	318	293	294	247	OHIO	716	667	700	694	672
CAPELL	1,424	1,341	1,269	1,107	1,203	PENDLETON	106	114	113	115	109
CALHOUN	126	120	151	125	129	PLEASANTS	116	113	97	89	78
CLAY	185	185	156	174	189	POCAHONTAS	119	117	125	122	100
DODDRIDGE	121	122	98	81	75	PRESTON	448	474	464	424	392
FAYETTE	817	764	712	689	608	PUTNAM	551	519	493	584	578
GILMER	128	135	121	105	97	RALEIGH	1,203	1,150	988	1,063	916
GRANT	133	111	129	127	127	RANDOLPH	430	378	426	399	351
GREENBRIER	534	450	414	399	422	RITCHIE	158	146	129	141	121
HAMPSHIRE	212	214	190	204	192	ROANE	243	259	217	195	190
HANCOCK	474	429	425	418	369	SUMMERS	217	206	171	169	149
HARDY	116	120	113	127	115	TAYLOR	234	210	216	225	193
HARRISON	1,082	1,073	1,003	1,005	991	TUCKER	102	124	104	103	86
JACKSON	373	376	337	317	348	TYLER	136	157	152	126	147
JEFFERSON	478	427	462	485	511	UPSHUR	350	338	325	350	341
KANAWHA	3,247	2,964	2,779	2,801	2,721	WAYNE	639	608	521	525	523
LEWIS	277	245	225	241	233	WEBSTER	190	177	152	171	142
LINCOLN	373	329	342	296	291	WEITZEL	324	310	291	271	299
LOGAN	764	751	631	630	576	WIRT	78	82	72	76	82
MCDOWELL	792	713	666	641	620	WOOD	1,330	1,260	1,163	1,145	1,131
MARION	850	787	798	718	650	WYOMING	542	486	461	399	380
MARSHALL	527	509	512	478	472						
MASON	372	363	360	347	284	TOTAL	27,263	25,875	24,551	24,108	23,179
MERCER	943	948	935	864	793						
MINERAL	403	343	361	356	302						
MINGO	646	666	637	573	545						

WEST VIRGINIA RESIDENT BIRTHS 1986
Birthweight in Grams
Exhibit 8



WEST VIRGINIA RESIDENT BIRTHS 1986
Age of Mother
Exhibit 9



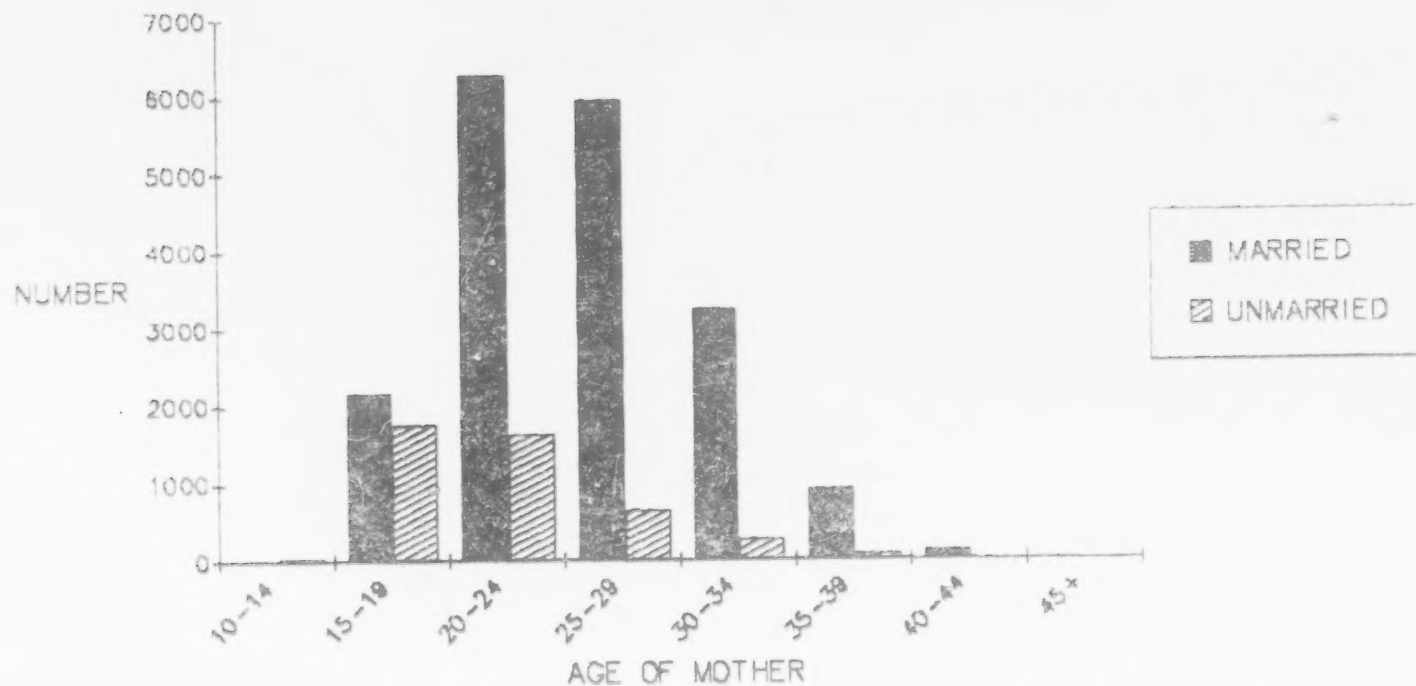
WEST VIRGINIA RESIDENT BIRTHS 1986
Birthweight by Age of Mother
Table 7

BIRTHWEIGHT	AGE OF MOTHER									
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 AND OVER	UNKNOWN	TOTAL
LESS THAN 1000 GRAMS (LESS THAN 2.205 LBS.)	1	27	37	32	25	8	4	0	0	134
1,000 - 1,499 GRAMS (2.205 - 3.305 LBS.)	1	32	45	30	26	6	0	0	0	140
1,500 - 1,999 GRAMS (3.307 - 4.407 LBS.)	1	59	100	75	32	15	2	0	0	284
2,000 - 2,499 GRAMS (4.409 - 5.509 LBS.)	3	220	390	263	139	50	14	0	1	1,069
2,500 - 2,999 GRAMS (5.512 - 6.612 LBS.)	2	745	1,372	769	453	133	16	1	0	3,715
3,000 - 3,499 GRAMS (6.614 - 7.714 LBS.)	22	1,550	2,903	2,357	1,203	339	41	0	1	8,424
3,500 - 3,999 GRAMS (7.716 - 8.816 LBS.)	12	984	2,227	2,038	1,140	308	42	0	0	6,751
4,000 - 4,499 GRAMS (8.819 - 9.919 LBS.)	0	264	698	679	419	123	12	0	0	2,194
4,500 OR MORE GRAMS (9.921 OR MORE LBS.)	0	37	129	149	90	33	8	0	0	446
UNKNOWN	0	2	12	4	2	1	0	0	1	22
TOTAL	42	3,929	7,903	6,615	3,532	1,016	139	1	3	23,179

WEST VIRGINIA RESIDENT BIRTHS 1986
Age of Mother by County of Residence
Table 8

AREA	AGE OF MOTHER								UNKNOWN	TOTAL
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 YEARS AND OVER		
BARBOUR	0	35	77	68	22	12	1	0	0	215
BERKELEY	2	135	281	215	113	35	4	0	0	785
BOONE	1	89	141	85	42	13	4	0	0	375
BRAXTON	1	39	66	34	27	11	2	0	0	180
BROOKE	0	29	76	87	42	11	2	0	0	247
CABELL	3	207	398	365	174	49	7	0	0	1,203
CALHOUN	0	21	49	37	19	3	0	0	0	129
CLAY	2	43	75	42	21	6	0	0	0	189
DODDRIDGE	0	11	35	18	9	2	0	0	0	75
FAYETTE	2	127	215	146	89	26	3	0	0	608
GILMER	0	16	35	30	13	3	0	0	0	97
GRANT	0	20	55	29	12	9	2	0	0	127
GREENBRIER	2	70	137	117	72	20	4	0	0	422
HAMPSHIRE	0	30	70	57	28	5	2	0	0	192
HANCOCK	0	36	109	141	66	17	0	0	0	369
HARDY	0	21	36	32	17	7	2	0	0	115
HARRISON	0	146	329	302	160	51	3	0	0	991
JACKSON	0	54	107	115	55	15	2	0	0	348
JEFFERSON	0	100	188	122	75	22	4	0	0	511
KANAWHA	3	368	844	871	475	147	13	0	0	2,721
LEWIS	1	34	96	58	34	10	0	0	0	233
LINCOLN	1	81	108	51	37	9	4	0	0	291
LOGAN	1	115	218	144	69	20	8	0	1	576
MCDOWELL	1	170	242	131	57	15	4	0	0	620
MARION	0	102	207	207	104	30	0	0	0	650
MARSHALL	1	56	137	166	88	34	0	0	0	472
MASON	1	60	90	81	42	8	2	0	0	284
MERCER	1	153	306	199	105	25	4	0	0	793
MINERAL	1	53	104	92	36	13	3	0	0	302
MINGO	0	138	212	110	62	20	2	0	1	545
MONONGALIA	0	92	249	267	221	52	6	0	0	887
MONROE	1	25	56	39	26	8	0	0	0	155
MORGAN	1	17	44	29	16	4	0	0	0	111
NICHOLAS	2	80	146	95	42	14	2	0	0	381
OHIO	4	99	183	222	129	31	4	0	0	672
PENDLETON	0	18	39	32	11	7	2	0	0	109
PLEASANTS	0	13	29	18	11	5	2	0	0	78
POCAHONTAS	0	21	34	23	15	7	0	0	0	100
PRESTON	1	75	158	90	54	12	2	0	0	392
PUTNAM	0	79	162	207	98	29	3	0	0	578
RALEIGH	1	184	309	256	120	38	7	1	0	916
RANDOLPH	3	58	124	96	56	12	2	0	0	351
RITCHIE	0	24	38	31	16	11	1	0	0	121
ROANE	0	38	69	45	27	10	1	0	0	190
SUMMERS	0	19	60	42	17	10	1	0	0	149
TAYLOR	1	36	69	51	27	9	0	0	0	193
TUCKER	0	14	34	23	11	3	1	0	0	86
TYLER	0	15	50	57	19	5	1	0	0	147
UPSHUR	0	52	119	99	52	16	3	0	0	341
WAYNE	0	94	181	139	89	19	1	0	0	523
WEBSTER	1	20	55	39	19	7	1	0	0	142
WETZEL	0	41	101	95	50	8	4	0	0	299
WIRT	0	11	27	26	13	5	0	0	0	82
WOOD	2	160	373	356	182	45	12	0	1	1,131
WYOMING	1	84	151	86	46	11	1	0	0	380
TOTAL	42	3,928	7,903	6,615	3,532	1,016	139	1	3	23,179

WEST VIRGINIA RESIDENT BIRTHS 1986
Marital Status by Age of Mother
Exhibit 10



MARITAL STATUS	AGE OF MOTHER									TOTAL
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45 AND OVER	UNKNOWN	
MARRIED: NUMBER PERCENT	4 0.0	2,145 11.6	6,273 33.5	5,958 31.8	3,259 17.4	931 5.0	120 0.6	1 0.0	3 0.0	18,714 80.7
NOT MARRIED: NUMBER PERCENT	38 0.2	1,763 9.5	1,630 8.5	657 3.5	273 1.4	85 0.4	19 0.1	0 0.0	0 0.0	4,465 19.3
TOTAL: NUMBER PERCENT	42 0.2	3,928 16.9	7,903 34.1	6,615 28.5	3,532 15.2	1,016 4.4	139 0.6	1 0.0	3 0.0	23,179 100.0

WEST VIRGINIA RESIDENT BIRTHS 1986
Place of Delivery, Race and Sex of Child, and Marital Status of Mother
By County of Residence
Table 9

COUNTY OF RESIDENCE	PLACE OF DELIVERY		WHITE		NONWHITE		NUMBER OF BIRTHS TO UNMARRIED MOTHERS	TOTAL
	HOSPITAL	NONHOSPITAL	MALE	FEMALE	MALE	FEMALE		
BARBOUR	215	0	96	117	2	0	45	215
BERKELEY	783	2	384	399	23	24	173	785
BOONE	375	0	203	169	1	2	67	375
BRAXTON	179	1	99	81	0	0	34	180
BROOKS	247	0	121	125	0	1	43	247
CAPELLE	1,199	4	593	601	42	27	247	1,203
CALHOUN	129	0	65	64	0	0	18	129
CLAY	187	2	106	83	0	0	60	189
DODDRIE	73	2	34	41	0	0	13	75
FAYETTE	607	1	288	275	23	22	163	609
GILMER	97	0	50	47	0	0	23	97
GRANT	127	0	61	65	0	1	23	127
GREENBRIER	419	3	215	174	7	16	71	422
HANCOCK	190	2	108	81	2	1	32	192
HARDY	369	0	182	179	4	4	43	369
HARRISON	115	0	60	53	0	2	23	115
JACKSON	989	3	500	474	8	9	179	991
JEFFERSON	347	1	178	168	1	1	33	348
KANAWHA	505	6	218	243	31	19	138	511
LEWIS	2,714	7	1,350	1,356	103	110	549	2,721
LINCOLN	233	0	125	108	0	0	39	233
LOGAN	291	0	154	136	0	1	56	291
MCDONELL	575	1	285	274	5	12	127	575
MARION	618	2	287	283	39	31	170	620
MARSHALL	649	1	329	272	22	27	127	650
MASON	461	11	245	200	4	1	68	472
MERCER	283	1	145	138	1	0	54	284
MINERAL	791	2	355	300	50	38	142	783
Mingo	297	5	157	143	5	7	61	302
MONONGALIA	595	0	280	249	10	6	104	595
MORGAN	885	2	457	373	30	27	107	887
NICHOLAS	150	5	62	84	3	4	29	155
OHIO	110	1	55	54	0	0	21	111
PEROLETON	378	3	202	178	0	1	75	381
PLEASANTS	672	0	334	297	18	23	170	672
POCAHONTAS	107	2	60	46	2	1	20	109
PRESTON	78	0	42	35	0	1	12	78
PUTNAM	97	3	44	50	1	0	18	100
RALEIGH	391	1	184	206	1	1	75	392
RAYMOND	578	0	303	273	0	2	63	578
RITCHIE	911	5	420	370	58	44	208	916
ROANE	348	3	171	177	0	3	67	351
SANDERS	118	3	64	57	0	0	17	121
SHELBY	190	0	113	76	1	0	42	190
SOMERS	143	5	75	63	2	3	24	149
TAYLOR	193	0	102	89	1	1	41	193
TUCKER	85	1	37	49	0	0	11	86
TYLER	146	1	74	72	0	1	27	147
UPSHUR	340	1	171	170	0	0	43	341
WAYNE	501	2	275	227	1	0	88	503
WEBSTER	142	0	66	56	0	0	30	142
WEITZEL	299	0	132	167	0	0	48	299
WIRT	82	0	44	38	0	0	8	82
WOOD	1,129	2	554	515	20	12	203	1,131
WOLFF	380	0	190	196	2	2	73	380
TOTAL	23,081	98	11,425	10,743	523	488	4,465	23,179

WEST VIRGINIA RESIDENT BIRTHS 1986
Trimester Prenatal Care Began
By County of Residence
Table 10

COUNTY OF RESIDENCE	FIRST TRIMESTER		SECOND TRIMESTER		THIRD TRIMESTER		NO CARE		UNKNOWN		TOTAL
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	
BARBOUR	163	75.8	49	22.8	3	1.4	0	0.0	0	0.0	215
BERKELEY	557	71.0	165	21.0	39	5.0	13	1.7	11	1.4	785
BOONE	220	58.7	99	26.4	29	7.7	3	0.8	24	6.4	375
BRAXTON	129	71.7	33	18.3	6	3.3	1	0.6	11	6.1	180
BROOKE	184	74.5	44	17.8	7	2.8	6	2.4	6	2.4	247
CABELL	870	72.3	271	22.5	43	3.6	14	1.2	5	0.4	1,203
CALHOUN	100	77.5	22	17.1	5	3.9	0	0.0	2	1.6	129
CLAY	121	64.0	52	27.5	11	5.8	1	0.5	4	2.1	189
DODDRIIDGE	59	78.7	12	16.0	0	0.0	1	1.3	3	4.0	75
FAYETTE	365	60.0	169	27.8	47	7.7	6	1.0	21	3.5	608
GILMER	71	73.2	20	20.6	3	3.1	0	0.0	3	3.1	97
GRAFT	91	71.7	33	26.0	1	0.8	0	0.0	2	1.6	127
GREENBRIER	294	69.7	92	21.8	19	4.5	5	1.2	12	2.8	422
HAMPSHIRE	152	79.2	30	15.6	5	2.6	1	0.5	1	0.5	192
HANCOCK	288	76.0	55	14.9	11	3.0	13	3.5	2	0.5	369
HARDY	98	85.2	12	10.4	3	2.6	2	1.7	0	0.0	115
HARRISON	817	88.4	117	13.8	24	2.9	7	0.7	6	0.6	991
JACKSON	242	69.5	76	21.8	14	4.0	6	1.7	10	2.9	348
JEFFERSON	360	70.5	113	22.1	19	3.7	10	2.0	9	1.8	511
KANAWHA	1,774	65.2	608	22.3	190	7.0	9	0.3	140	5.1	2,721
LEWIS	176	75.5	42	18.0	4	1.7	1	0.4	10	4.3	233
LINCOLN	189	64.9	91	31.3	5	1.7	1	0.3	3	1.0	291
LOGAN	294	51.0	179	31.1	57	9.9	3	0.5	43	7.5	576
MCDOWELL	304	49.0	163	29.5	111	17.9	9	1.5	13	2.1	620
MARTIN	466	71.7	139	21.4	30	4.6	4	0.6	11	1.7	650
MARSHALL	373	79.0	66	14.0	13	2.8	6	1.3	14	3.0	472
MASON	197	69.4	69	24.3	10	3.5	2	0.7	6	2.1	284
MERCER	507	63.9	169	23.0	62	7.8	14	1.8	21	2.6	793
MINERAL	209	67.2	73	24.2	12	4.0	6	2.0	2	0.7	302
MINGO	257	47.2	180	33.0	67	12.3	20	3.7	21	3.9	545
MONONGALIA	725	81.7	122	13.8	32	3.6	1	0.1	7	0.8	887
MORRIS	83	53.5	34	21.9	31	20.0	2	1.3	3	3.2	155
MORGAN	76	68.5	24	21.6	6	5.4	2	1.8	3	2.7	111
NICHOLAS	249	63.0	115	30.2	17	4.5	4	1.0	5	1.3	381
OHIO	494	73.5	135	20.1	28	4.2	6	0.9	9	1.3	672
PENDLETON	76	69.7	24	22.0	4	3.7	2	1.8	3	2.8	109
PLEASANTS	59	75.6	8	10.3	3	3.8	1	1.3	7	9.0	78
POCAHONTAS	73	73.0	19	19.0	7	7.0	0	0.0	1	1.0	100
PRESTON	309	78.6	66	16.8	8	2.3	4	1.0	4	1.0	392
PUTNAM	426	73.7	112	19.4	22	3.6	2	0.3	16	2.8	578
RALEIGH	497	54.3	257	28.1	81	8.8	31	3.4	50	5.5	916
RANDOLPH	240	68.4	81	23.1	27	7.7	1	0.3	2	0.6	351
RITCHIE	91	75.2	21	17.4	3	2.5	2	1.7	4	3.3	121
ROANE	119	62.6	52	27.4	11	5.8	2	1.1	6	3.2	190
SUMMERS	101	67.8	31	20.8	11	7.4	1	0.7	5	3.4	149
TAYLOR	156	80.8	30	15.3	5	2.6	0	0.0	2	1.0	193
TUCKER	52	68.5	21	26.7	8	4.3	0	0.0	3	3.5	86
TYLER	105	74.4	32	21.6	6	4.1	1	0.7	3	2.0	147
UPSHUR	226	66.3	94	27.6	18	5.3	1	0.3	2	0.6	341
WAYNE	410	78.4	90	17.2	17	3.3	4	0.8	2	0.4	523
WEBSTER	107	75.4	24	18.3	6	4.5	1	0.7	3	2.1	140
WETZEL	225	74.6	57	19.1	9	3.0	1	0.3	9	3.0	299
WIRT	61	74.4	13	15.9	1	1.2	4	4.9	3	3.7	82
WOOD	845	74.7	179	15.7	29	2.6	29	2.6	50	4.4	1,131
WYOMING	194	51.1	126	33.2	35	9.2	8	2.1	17	4.5	380
TOTAL	15,615	68.7	5,071	21.9	1,275	5.6	226	1.2	640	2.8	23,179

WEST VIRGINIA RESIDENT BIRTHS 1986
Prenatal Care by Child's Race and Mother's Marital Status and Education
Table 11

BIRTH CHARACTERISTICS	TIME PRENATAL CARE BEGAN					TOTAL
	FIRST TRIMESTER	SECOND TRIMESTER	THIRD TRIMESTER	NO CARE	UNKNOWN	
<u>CHILD'S RACE: WHITE</u>						
<u>MOTHER'S MARITAL STATUS:</u>						
MARRIED	13,603	3,337	700	120	445	18,205
NOT MARRIED	1,773	1,449	462	129	150	3,963
TOTAL	15,376	4,786	1,162	249	595	22,168
<u>MOTHER'S EDUCATION LEVEL:</u>						
UNDER 5 YEARS	5	6	3	2	0	16
5-8 YEARS	468	370	121	31	45	1,035
9-11 YEARS	2,586	1,619	479	90	189	4,963
12 YEARS	7,262	2,097	420	97	250	10,126
13-15 YEARS	2,570	466	96	21	56	3,209
16 YEARS OR MORE	2,441	195	32	3	35	2,706
UNKNOWN	44	33	11	5	20	113
TOTAL	15,376	4,786	1,162	249	595	22,168
<u>CHILD'S RACE: NONWHITE</u>						
<u>MOTHER'S MARITAL STATUS:</u>						
MARRIED	343	116	31	6	13	509
NOT MARRIED	196	171	82	21	32	502
TOTAL	539	287	113	27	45	1,011
<u>MOTHER'S EDUCATION LEVEL:</u>						
UNDER 5 YEARS	0	0	0	0	0	0
5-8 YEARS	9	8	3	0	0	20
9-11 YEARS	66	63	32	8	8	177
12 YEARS	232	128	53	13	21	447
13-15 YEARS	117	54	17	5	11	204
16 YEARS OR MORE	112	28	5	0	4	149
UNKNOWN	3	6	3	1	1	14
TOTAL	539	287	113	27	45	1,011

WEST VIRGINIA RESIDENT BIRTHS 1986
Prenatal Care Visits by County of Residence
Table 12

COUNTY OF RESIDENCE	PRENATAL CARE VISITS												TOTAL
	NO VISITS		1 TO 5 VISITS		6 TO 10 VISITS		11 TO 15 VISITS		16 OR MORE VISITS		UNKNOWN		
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	
BARBOUR	0	0.0	6	2.6	81	37.7	110	51.2	18	8.4	0	0.0	215
BERKELEY	13	1.7	65	8.3	205	26.1	408	52.0	81	10.3	13	1.7	785
BOONE	3	0.8	50	13.3	159	42.4	137	36.5	8	2.1	18	4.8	375
BRAXTON	1	0.6	8	4.4	56	31.1	75	41.7	18	10.0	22	12.2	180
BROOKE	6	2.4	13	5.3	88	35.6	118	47.8	18	7.3	4	1.6	247
CABELL	14	1.2	37	3.1	463	38.5	660	54.9	28	2.2	3	0.2	1,203
CALHOUN	0	0.0	10	7.8	52	40.3	57	44.2	5	3.9	5	3.9	129
CLAY	1	0.5	22	11.6	78	41.3	83	43.9	3	1.6	2	1.1	189
DEEDRIDGE	1	1.3	8	8.0	20	26.7	40	53.3	6	8.0	0	2.7	75
FAYETTE	6	1.0	64	10.5	251	41.3	214	38.5	44	7.2	9	1.5	688
GILMER	0	0.0	11	11.3	35	36.0	37	38.1	5	5.2	11	11.3	97
GRANT	0	0.0	1	0.8	53	41.7	58	45.7	14	11.0	1	0.8	127
GREENBRIER	5	1.2	11	2.6	95	22.5	230	54.5	72	17.1	9	2.1	422
HAMPSHIRE	1	0.5	8	4.2	49	20.8	138	71.9	0	0.0	5	2.6	192
HANCOCK	13	3.5	16	4.3	91	24.7	200	54.2	42	11.7	6	1.6	369
HARDY	2	1.7	4	3.5	13	15.7	85	73.9	6	5.2	0	0.0	115
HARRISON	7	0.7	45	4.5	247	24.9	570	57.5	117	11.8	5	0.5	951
JACKSON	6	1.7	26	7.5	140	41.4	168	40.2	19	5.5	13	3.7	348
JEFFERSON	10	2.0	66	12.9	176	34.4	282	43.4	24	4.7	13	2.5	511
KANAWHA	9	0.3	194	7.1	1,123	41.3	1,354	41.4	122	4.1	129	4.7	2,721
LEWIS	1	0.4	10	4.3	72	30.9	98	40.8	19	8.2	16	15.5	233
LINCOLN	3	1.0	20	6.9	105	43.0	132	45.4	9	3.1	2	0.7	291
LOGAN	3	0.5	103	17.9	307	53.3	126	20.8	12	2.1	31	5.4	576
MCDOWELL	9	1.5	271	43.7	221	40.8	69	11.1	8	1.3	12	1.9	620
MARION	4	0.6	42	6.5	280	44.5	279	46.7	51	8.0	5	0.8	650
MARSHALL	6	1.3	20	4.2	169	35.8	288	56.7	8	1.7	11	2.3	472
MASON	2	0.7	20	7.0	135	47.8	113	39.8	11	3.9	3	1.1	284
MERCER	14	1.8	206	26.0	367	46.3	155	19.5	40	5.0	11	1.4	793
MINERAL	6	2.0	21	7.0	120	42.4	127	42.1	17	5.6	1	1.0	302
MINGO	20	3.7	141	25.9	240	44.0	129	22.8	12	2.2	8	1.5	545
MONONGALIA	1	0.1	33	3.7	183	20.6	426	59.3	135	15.2	9	1.0	887
MONROE	2	1.3	31	21.3	54	34.8	50	33.6	11	7.1	3	1.9	155
MORGAN	3	2.7	8	7.2	24	19.1	62	55.4	7	6.3	2	1.8	111
NICHOLAS	4	1.0	29	7.6	198	41.5	197	41.2	26	7.3	5	1.1	381
OHIO	7	1.0	27	4.0	314	46.7	290	43.1	31	4.6	3	0.4	672
PENDLETON	2	1.8	14	12.8	37	35.8	46	42.2	6	5.8	2	1.8	109
PLEASANTS	1	1.3	5	6.4	30	36.5	33	42.3	2	2.5	7	9.0	78
POCAHONTAS	0	0.0	10	10.0	32	32.0	50	50.0	8	8.0	0	0.0	100
FRESTON	4	1.0	20	5.1	122	31.3	198	50.5	47	12.0	1	0.3	392
PUTNAM	2	0.3	15	2.6	224	39.1	242	40.5	30	5.2	13	2.2	578
RALEIGH	31	3.4	121	13.2	298	32.5	374	40.8	85	7.1	27	2.9	916
RAHOLPH	1	0.3	33	9.4	136	35.9	164	46.7	15	4.3	2	0.6	351
RITCHIE	2	1.7	4	3.3	55	45.8	51	42.1	4	3.3	5	4.1	121
ROANE	2	1.1	19	10.0	92	50.0	63	33.2	8	3.2	5	2.6	190
SUMMERS	1	0.7	12	8.1	48	32.2	73	48.0	13	8.7	2	1.3	149
TAYLOR	0	0.0	5	2.6	70	36.3	97	50.3	20	10.4	1	0.5	193
TUCKER	0	0.0	17	34.0	36	41.9	35	42.7	2	2.3	1	1.2	86
TYLER	1	0.7	18	12.2	79	51.0	46	31.3	5	3.9	2	1.4	147
UPSHUR	1	0.3	34	10.0	136	39.9	163	41.9	19	4.8	12	3.5	341
WAYNE	4	0.8	20	3.8	194	37.5	170	59.6	10	1.9	2	0.4	523
WEBSTER	1	0.7	5	3.0	51	30.9	62	41.7	17	12.0	6	4.2	142
WETZEL	1	0.3	28	9.9	140	46.8	119	39.5	7	2.3	5	1.7	299
WIRT	4	4.9	7	2.4	27	72.4	18	58.1	7	25.5	3	3.7	82
WOOD	29	2.6	55	4.9	377	33.3	614	45.6	90	8.0	64	5.7	1,131
WYOMING	8	2.1	83	21.8	143	37.6	128	33.3	23	6.1	17	4.5	360
TOTAL	278	1.2	2,162	9.3	8,478	37.8	10,119	43.6	1,418	6.1	551	2.5	23,179

WEST VIRGINIA RESIDENT BIRTHS 1986
Number and Rate by City
Table 13

CITIES WITH POPULATION OF 10,000 OR LARGER	1985* POPULATION	NUMBER OF RESIDENT BIRTHS	RATE PER 1,000 POPULATION
Beckley	20,400	243	11.9
Bluefield	15,300	197	12.9
Charleston	59,400	734	12.4
Clarksburg	21,400	267	12.5
Fairmont	22,800	258	11.3
Huntington	61,100	804	13.2
Martinsburg	13,200	268	20.3
Morgantown	27,800	414	14.9
Moundsville	12,200	156	12.8
Parkersburg	39,400	545	13.8
Saint Albans	12,100	232	19.2
South Charleston	15,200	164	10.8
Vienna	11,500	117	10.2
Weirton	23,900	221	9.2
Wheeling	42,100	507	12.0

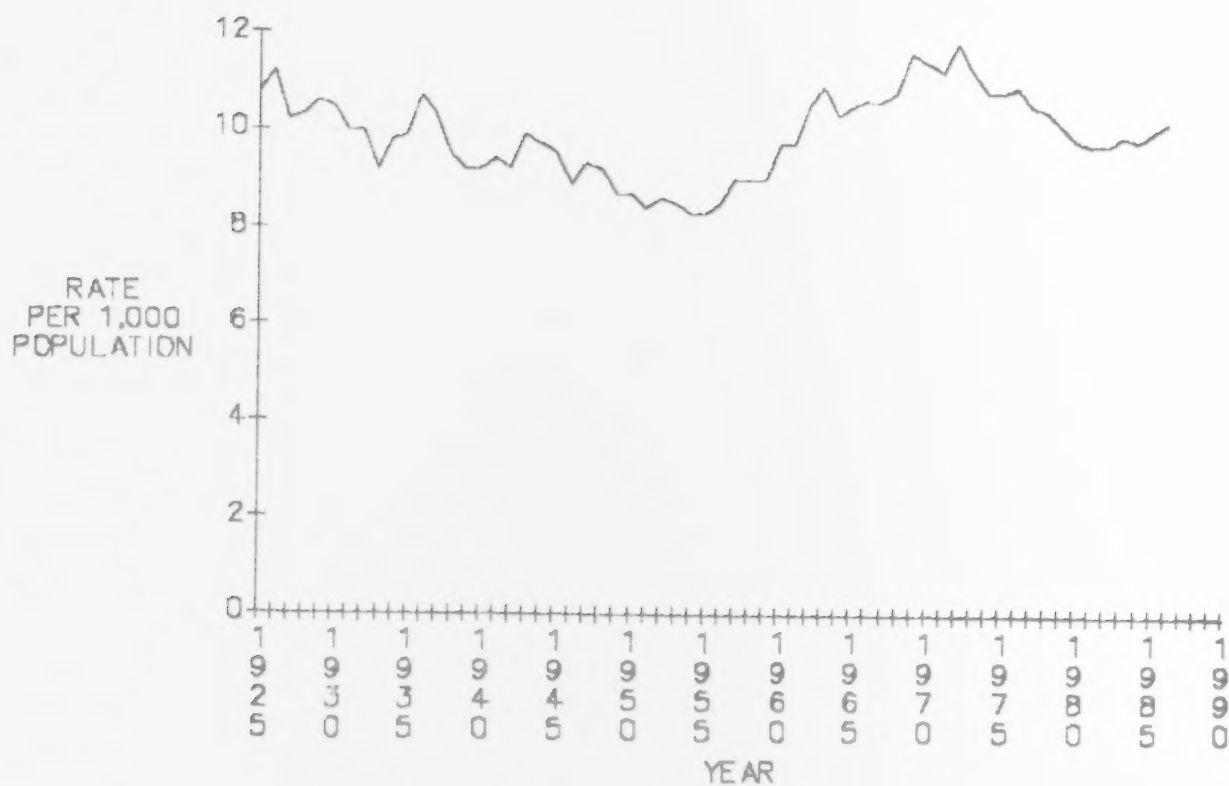
*U.S. Department of Commerce, Bureau of the Census. Current Population Reports, Series P-26, No. 84-S-SC, June 1986. (Latest city population estimates available at time of publication.)

WEST VIRGINIA RESIDENT BIRTHS 1982-1986
Out-of-State Occurrences
Table 14

STATE	1982 BIRTHS	1983 BIRTHS	1984 BIRTHS	1985 BIRTHS	1986 BIRTHS
Virginia	930	856	798	768	708
Maryland	722	665	666	584	498
Ohio	508	474	472	464	486
Kentucky	272	231	193	152	117
Pennsylvania	97	93	86	113	92
All Other States	43	25	26	35	38
Total	2,572	2,344	2,241	2,116	1,939

DEATHS

WEST VIRGINIA RESIDENT DEATHS 1925-1986
Number and Rate
Exhibit 11



YEAR OF DEATH	NUMBER OF DEATHS	RATE PER 1,000 POPULATION
1925	17,132	10.8
1930	18,220	10.5
1935	18,342	9.9
1940	17,577	9.2
1945	16,464	9.6
1950	17,459	8.7
1955	16,712	8.9
1960	18,040	9.7
1965	19,121	10.7
1970	19,924	11.4
1975	19,479	10.8
1980	19,178	9.8
1981	19,039	9.7
1982	18,976	9.7
1983	19,293	9.9
1984	19,182	9.8
1985	19,425	10.0
1986	19,859	10.3

WEST VIRGINIA RESIDENT DEATHS 1986
County of Residence by Race and Sex
Table 15

COUNTY	WHITE		NONWHITE		TOTAL
	MALE	FEMALE	MALE	FEMALE	
BARBOUR	82	77	1	1	161
BERKELEY	268	213	15	8	504
BOONE	162	119	0	2	283
BRAXTON	92	72	0	0	164
BROOKE	164	153	4	0	321
CABELL	600	553	20	36	1,209
CALHOUN	50	34	0	0	84
CLAY	52	43	0	0	95
DODDRIDGE	46	38	0	0	84
FAYETTE	338	287	37	31	693
GILMER	37	25	0	0	62
GRANT	59	35	0	1	95
GREENBRIER	215	197	5	12	429
HAMPSHIRE	81	69	0	1	151
HANCOCK	186	185	6	3	380
HARDY	68	57	1	1	127
HARRISON	435	444	10	4	893
JACKSON	102	111	0	0	213
JEFFERSON	145	121	14	17	297
KANAWHA	1,144	1,066	101	98	2,409
LEWIS	125	104	0	0	229
LINCOLN	99	89	0	0	188
LOGAN	248	201	21	11	481
MCDOWELL	216	173	60	36	485
MARION	343	327	21	18	709
MARSHALL	212	177	0	1	390
MASON	150	132	1	1	284
MERCER	399	321	30	27	777
MINERAL	140	120	5	0	265
MINGO	189	178	10	11	388
MONONGALIA	306	292	9	6	613
MONROE	78	66	1	0	145
MORGAN	66	59	0	1	126
NICHOLAS	136	104	0	0	240
OHIO	312	359	14	21	706
PENDLETON	33	35	1	1	70
PLEASANTS	37	33	0	0	70
POCAHONTAS	73	62	1	1	137
PRESTON	165	128	0	0	293
PUTNAM	143	122	0	2	267
RALEIGH	424	380	61	62	927
RANDOLPH	159	131	2	1	293
RITCHIE	65	71	0	0	136
ROANE	88	77	1	0	166
SUMMERS	82	94	2	3	181
TAYLOR	82	96	2	0	180
TUCKER	47	44	0	0	91
TYLER	60	56	0	0	116
UPSHUR	122	102	0	1	225
WAYNE	218	191	1	0	410
WEBSTER	75	53	0	0	128
WEITZEL	111	111	0	0	222
WIRT	29	22	0	1	52
WOOD	452	456	3	9	920
WYOMING	141	147	4	3	295
TOTAL	9,951	9,012	464	432	19,859

WEST VIRGINIA DEATHS 1986
Number by County of Residence and Occurrence
Table 16

COUNTY	RESIDENCE	OCCURRENCE	COUNTY	RESIDENCE	OCCURRENCE
BARBOUR	161	104	MONONGALIA	613	1,268
BERKELEY	504	752	MONROE	145	46
BOONE	283	191	MORGAN	126	113
BRAXTON	164	126	NICHOLAS	240	189
BROOKE	321	149	OHIO	704	1,111
CABELL	1,209	1,003	PENDLETON	70	43
CALHOUN	84	51	PLEASANTS	70	19
CLAY	95	32	POCAHONTAS	137	100
DODDRIDGE	84	25	PRESTON	293	181
FAYETTE	693	543	PITMAN	267	221
GILMER	52	23	RALEIGH	927	1,264
GRANT	95	94	RANDOLPH	293	348
GREENBRIER	429	371	RITCHIE	136	57
HAMPSHIRE	151	90	ROANE	166	146
HANCOCK	380	82	SUMMERS	181	156
HARDY	127	44	TAYLOR	180	141
HARRISON	893	1,051	UCKER	91	55
JACKSON	213	165	TYLER	116	69
JEFFERSON	297	211	UPSHUR	225	169
KANAWHA	2,405	2,170	WAGNER	410	303
LEWIS	229	160	WEBSTER	128	100
LINCOLN	188	71	WEIZEL	222	180
LOGAN	481	450	WIRT	52	15
MCDOWELL	485	301	WOOD	920	1,153
MARION	709	545	WYOMING	295	110
MARSHALL	390	317			
MASON	284	226			
MERCER	777	972			
MINERAL	265	145			
MINGO	388	194			
			TOTAL	19,859	19,845

* INCLUDES 1,789 WEST VIRGINIA RESIDENT DEATHS OCCURRING OUT-OF-STATE.

WEST VIRGINIA RESIDENT DEATHS 1986
 Out-of-State Occurrences
 Table 17

STATE	NUMBER OF DEATHS
Ohio	488
Virginia	432
Maryland	286
Kentucky	167
Pennsylvania	164
Florida	63
North Carolina	37
District of Columbia	32
Tennessee	22
South Carolina	14
Texas	14
Other	68
Canada	2
TOTAL	1,789

WEST VIRGINIA RESIDENT DEATHS 1982-1986
Number by County of Residence
Table 18

COUNTY	1982	1983	1984	1985	1986	COUNTY	1982	1983	1984	1985	1986
BARBOUR	178	183	172	176	161	MONONGALIA	546	561	511	557	613
BERKELEY	448	494	521	523	504	MONROE	133	156	139	132	145
BOONE	279	264	311	266	283	MORGAN	119	120	125	130	126
BRAXTON	164	135	186	159	164	NICHOLAS	238	238	262	249	240
BROOKE	270	248	279	270	321	OHIO	686	724	718	761	706
CABELL	1,124	1,216	1,168	1,159	1,209	PENDLETON	88	88	76	106	70
CALHOUN	80	92	87	97	84	PLEASANTS	83	64	69	91	70
CLAY	96	106	99	94	95	POCAHONTAS	129	103	119	132	137
DODDRIDGE	74	84	63	68	84	PRESTON	300	286	294	301	293
FAYETTE	651	701	604	661	693	PUTNAM	242	285	269	304	267
GILMER	93	103	65	69	62	RALEIGH	899	901	869	864	927
GRANT	81	106	85	104	95	RANDOLPH	258	341	301	271	293
GREENBRIER	406	411	441	415	429	RITCHIE	142	119	127	125	136
HAMPSHIRE	145	118	145	141	151	ROANE	189	184	153	171	166
HANCOCK	374	381	375	367	380	SUMMERS	186	164	153	156	181
HARDY	104	114	103	128	127	TAYLOR	201	156	190	166	180
HARRISON	868	894	882	879	893	TUCKER	123	110	112	102	91
JACKSON	233	192	202	205	213	TYLER	114	112	102	116	116
JEFFERSON	255	277	291	294	297	UPSHUR	206	233	191	241	225
KANAWHA	2,239	2,210	2,243	2,298	2,409	WAYNE	363	357	390	383	410
LEWIS	228	228	230	218	229	WEBSTER	117	117	108	145	128
LINCOLN	217	190	235	223	188	WEITZEL	211	220	229	211	222
LOGAN	489	483	469	461	481	WIRT	39	46	49	54	52
MCDOWELL	487	534	450	474	485	WOOD	854	844	861	888	920
MARION	649	642	692	752	709	WYOMING	287	268	288	283	295
MARSHALL	369	400	386	361	390						
MASON	267	288	273	245	284						
MERCER	718	778	795	791	777	TOTAL	18,976	19,293	19,182	19,425	19,859
MINERAL	263	253	273	250	265						
MINGO	374	371	352	338	388						

WEST VIRGINIA RESIDENT DEATHS 1986
County of Residence by Age at Death
Table 19

COUNTY	AGE IN YEARS													TOTAL
	LESS THAN ONE	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	UNKNOWN	
BARBOUR	1	0	0	0	3	2	7	10	23	36	47	32	0	161
BERKELEY	4	2	2	2	16	10	25	39	74	128	126	76	0	504
BOONE	4	0	0	0	4	7	10	20	40	72	82	44	0	283
BRAXTON	1	1	0	0	3	3	4	6	18	40	50	38	0	164
BROOKS	4	1	0	0	0	2	5	13	47	97	95	56	0	321
CABELL	18	1	0	2	9	28	29	55	180	256	358	273	0	1,209
CALHOUN	1	1	0	0	0	2	1	4	13	22	22	18	0	84
CLAY	1	0	1	0	2	1	7	4	16	20	31	12	0	99
DODDRIDGE	0	0	1	0	0	1	1	2	11	10	34	24	0	84
FAYETTE	5	3	0	5	13	9	21	38	97	175	226	101	0	693
GILMER	1	1	0	0	1	1	2	1	4	15	22	14	0	62
GRANT	2	1	0	0	1	1	3	4	13	23	25	22	0	95
GREENBRIER	3	2	3	1	6	7	7	18	52	103	144	82	1	429
HAMPSHIRE	0	0	0	0	4	2	1	11	29	29	45	30	0	151
HANCOCK	3	0	1	0	9	6	4	22	60	106	106	63	0	380
HARDY	0	0	0	1	2	5	3	5	15	30	41	25	0	127
HARRISON	15	1	2	1	11	12	15	50	122	226	244	193	1	893
JACKSON	3	0	9	2	1	3	7	13	27	46	55	50	0	213
JEFFERSON	9	2	2	2	4	3	10	15	42	74	90	44	0	297
KANAWHA	19	5	3	9	37	56	61	132	364	599	702	421	1	2,409
LEWIS	5	0	1	0	3	6	12	12	29	60	54	47	0	329
LINCOLN	0	1	0	1	3	3	9	13	31	45	54	28	0	188
LOGAN	3	1	1	1	10	15	15	27	95	116	136	61	0	481
MCDOWELL	7	2	1	2	10	23	16	33	98	123	116	49	0	485
MARION	10	1	1	2	11	10	27	22	100	171	198	155	1	709
MARSHALL	3	2	0	0	2	8	14	16	56	100	120	69	0	390
MASON	2	1	0	1	4	6	3	9	32	75	87	59	0	284
MERCER	11	3	1	0	15	16	28	34	123	184	222	140	0	777
MINERAL	2	1	1	2	4	6	4	12	28	74	79	52	0	265
Mingo	6	1	1	1	7	9	19	31	51	102	101	59	0	388
MONONGALIA	11	2	1	4	11	13	12	27	61	170	171	130	0	613
MORRIS	4	0	0	0	5	4	5	8	13	39	40	27	0	145
MORGAN	1	1	0	1	4	2	3	8	17	33	25	31	0	126
NICHOLAS	9	0	0	0	5	5	4	18	34	61	59	40	0	240
OHIO	8	1	0	2	6	5	6	21	100	100	228	149	0	706
PENDLETON	4	0	1	1	1	0	1	4	9	12	21	16	0	70
PLEASANTS	1	1	0	1	3	1	3	6	7	8	21	16	0	70
POCAHONTAS	1	0	0	0	4	2	4	7	14	33	44	28	0	137
PRESTON	6	1	0	0	5	4	3	15	32	72	83	67	0	293
PUTNAM	4	0	0	0	5	7	8	19	43	62	72	47	0	267
RALEIGH	11	4	0	1	14	20	24	62	140	244	253	154	0	927
RANDOLPH	4	0	0	1	1	5	4	10	45	77	93	53	0	293
RITCHIE	1	0	0	0	0	2	0	3	16	30	46	38	0	136
ROANE	3	0	0	0	6	4	6	7	22	38	52	22	0	166
SUMMERS	1	1	0	0	2	5	5	6	25	38	64	37	1	151
TAYLOR	2	2	0	0	1	3	10	3	27	46	51	35	0	180
TUCKER	0	0	0	0	1	5	2	8	10	23	27	15	0	91
TYLER	0	1	0	0	2	2	5	4	20	32	29	21	0	116
UPSHUR	2	0	0	0	4	5	5	3	28	61	69	43	0	225
VALENTINE	4	1	1	1	9	9	11	40	49	109	109	70	0	418
WEBSTER	3	0	0	0	2	1	4	13	15	30	34	26	0	128
WETZEL	2	1	0	0	2	2	5	13	12	55	54	56	0	222
WIRT	0	0	0	0	3	0	1	4	6	12	15	9	0	52
WOOD	11	3	1	2	14	24	26	55	111	293	255	209	0	920
WYOMING	1	1	1	0	5	10	12	25	35	61	62	45	0	265
TOTAL	237	54	27	49	310	403	554	1,084	2,800	4,310	5,662	3,732	5	19,859

WEST VIRGINIA RESIDENT DEATHS 1986
Place Death Occurred by County of Residence
Table 20

COUNTY	PLACE DEATH OCCURRED								TOTAL
	HOSPITAL	OUT-OF-STATE HOSPITAL	ENROUTE TO HOSPITAL	CLINIC OR CENTER	LICENSED NURSING HOME	UNLICENSED PERSONAL CARE	HOME	OTHER AND UNKNOWN	
BARBOUR	107	3	30	0	6	1	11	3	161
BEECHLEY	290	46	41	0	51	1	62	13	504
BODINE	167	8	51	2	23	0	22	10	283
BRAXTON	81	2	10	0	16	0	53	2	164
BROOKE	121	84	17	0	42	2	50	3	321
CABELL	719	23	267	1	46	4	113	14	1,209
CALHOUN	54	2	2	0	7	0	17	2	84
CLAY	53	5	2	0	3	0	30	2	95
DODDRIDGE	44	4	1	0	12	0	23	0	84
FAYETTE	428	22	33	0	60	2	125	17	693
GILMER	40	2	1	0	5	0	14	0	62
GRANT	49	16	6	0	8	0	9	7	85
GREENBERGER	193	73	14	0	51	0	88	10	429
HAMPSHIRE	38	45	33	0	12	1	20	2	151
HANCOCK	136	123	14	0	34	3	47	1	390
HARDY	35	30	2	0	20	0	27	5	127
HARRISON	508	25	41	0	75	2	185	17	893
JACKSON	129	2	9	0	35	0	37	1	213
JEFFERSON	144	43	34	0	33	0	37	6	297
KANAWHA	1,455	55	48	0	214	11	554	57	2,409
LEWIS	128	7	38	0	22	1	32	1	229
LINCOLN	93	3	18	0	7	1	54	9	138
LOGAN	324	11	122	1	15	0	15	7	481
MCDOWELL	260	67	132	1	5	3	13	4	485
MARION	392	20	16	0	102	1	162	16	709
MARSHALL	259	11	45	3	43	2	26	1	390
MASON	146	36	41	0	5	4	28	4	234
MERCER	480	43	159	0	49	4	32	4	777
MINERAL	73	126	6	0	27	0	23	13	265
MUNGO	176	38	21	0	12	1	61	18	308
MONTGOMERY	350	15	10	0	64	1	104	30	613
MONTGOMERY	53	71	8	0	10	1	35	7	165
MORGAN	49	27	75	0	12	1	7	2	126
NICHOLAS	146	5	17	0	12	1	35	7	240
OHIO	445	27	21	0	141	0	26	6	708
PENDLETON	6	25	1	1	16	3	20	1	70
PLEASANTS	29	12	1	0	9	0	18	0	70
POCAHONTAS	84	17	1	0	3	0	13	3	137
PRESTON	155	32	1	0	25	2	33	8	243
PUTNAM	189	12	1	0	22	1	55	5	267
RALEIGH	688	18	11	0	67	0	32	18	827
RANDOLPH	174	1	1	0	22	0	12	1	213
RITCHIE	77	1	1	0	22	0	23	1	136
ROANE	76	6	1	0	2	0	42	9	166
ROBERTS	129	13	24	0	11	1	12	0	181
TAYLOR	219	8	14	0	5	3	31	4	180
TYLER	34	2	21	0	19	1	3	1	91
TYLER	13	4	11	0	4	1	20	1	116
UPSHUR	193	0	42	0	22	0	25	5	325
WEST	223	34	43	0	21	1	56	10	410
WEBSTER	74	2	22	0	8	0	19	3	126
WETZEL	142	2	14	0	29	1	29	4	221
WIRT	24	0	0	0	0	1	15	1	52
WOOD	552	44	12	1	105	5	167	11	920
WYOMING	194	6	12	1	12	0	15	12	295
TOTAL	11,746	1,463	1,455	14	1,787	73	2,733	401	19,652

WEST VIRGINIA RESIDENT DEATHS 1986
Leading Causes of Death
Exhibit 12

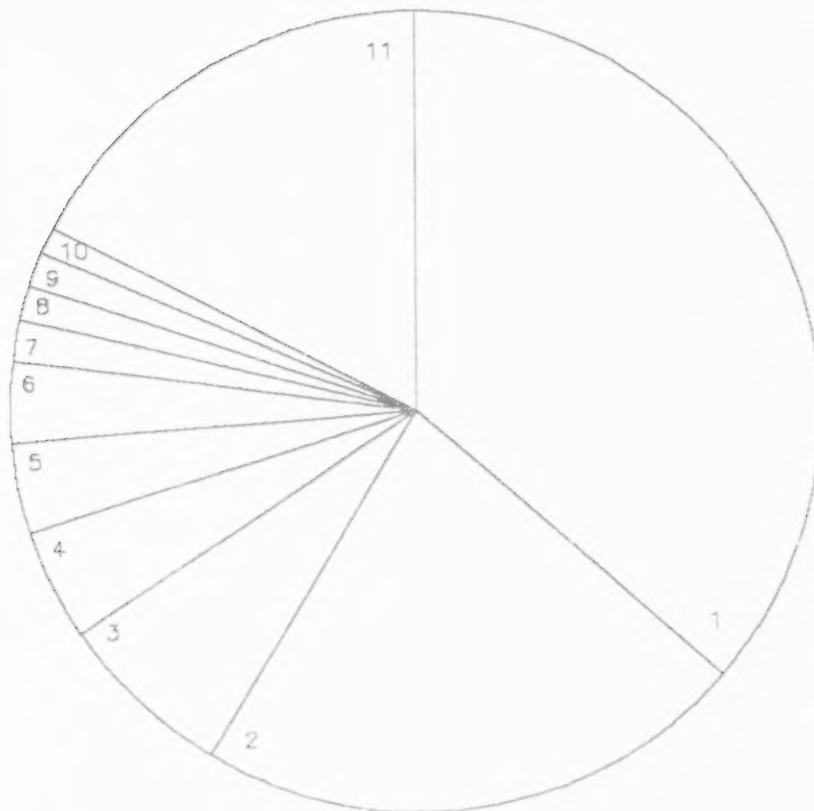


LEADING CAUSES OF DEATH IN WEST VIRGINIA, 1986	NUMBER OF DEATHS	RATE PER 100,000 POPULATION*	AGE- ADJUSTED RATE**	PERCENT OF TOTAL
1. Diseases of the heart	7,704	401.5	371.8	38.8
2. Malignant neoplasms	4,313	224.8	208.3	21.7
3. Cerebrovascular disease	1,356	70.7	65.5	6.8
4. Accidents, all forms	893	46.5	45.7	4.5
5. Chronic obstructive pulmonary disease and allied conditions	878	45.8	42.1	4.4
6. Pneumonia and influenza	655	34.1	31.6	3.3
7. Diabetes mellitus	403	21.0	19.5	2.0
8. Suicide	270	14.1	13.9	1.4
9. Nephritis, nephrotic syndrome, and nephrosis	217	11.3	10.5	1.1
10. Atherosclerosis	208	10.8	10.0	1.0
TOTAL for leading causes	16,897	880.6	819.0	88.8
11. All other causes	2,962	154.3	144.8	11.2
TOTAL for all causes	19,859	1,034.9	963.8	100.0

*U.S. Department of Commerce, Bureau of the Census. Current Population Reports. Series P-26, 87-A, August 1987.

**Based on age-group distributions from 1980 census. U.S. Bureau of the Census.

UNITED STATES RESIDENT DEATHS 1986
Leading Causes of Death
Exhibit 13



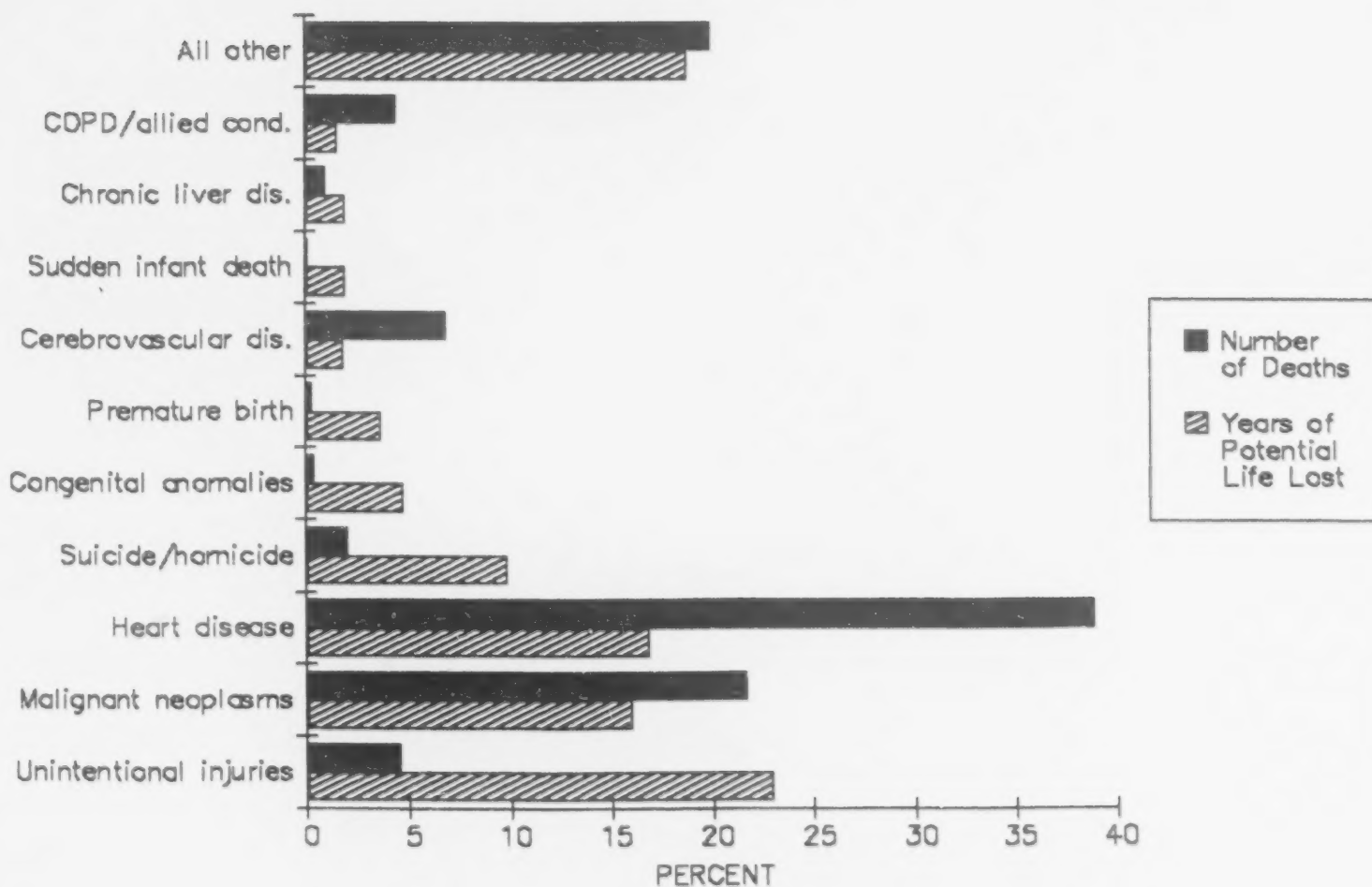
LEADING CAUSES OF DEATH IN THE UNITED STATES 1986*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION	PERCENT OF TOTAL
1. Diseases of the heart	763,380	317.2	36.4
2. Malignant neoplasms	465,440	193.4	22.2
3. Cerebrovascular disease	147,390	61.2	7.0
4. Accidents, all forms	93,990	39.1	4.5
5. Chronic obstructive pulmonary disease and allied conditions	75,220	31.3	3.6
6. Pneumonia and influenza	69,250	28.8	3.3
7. Diabetes mellitus	36,240	15.1	1.7
8. Suicide	30,024	12.6	1.4
9. Chronic liver disease and cirrhosis	26,140	10.9	1.2
10. Atherosclerosis	22,060	9.2	1.1
TOTAL for leading causes	1,729,134	718.8	82.5
11. All other causes	366,346	149.6	17.5
TOTAL for all causes	2,095,490	868.4	100.0

*Monthly Vital Statistics Report (provisional statistics). National Center for Health Statistics. Vol. 36, No. 1, April 29, 1987. (Based on 10% sample.)

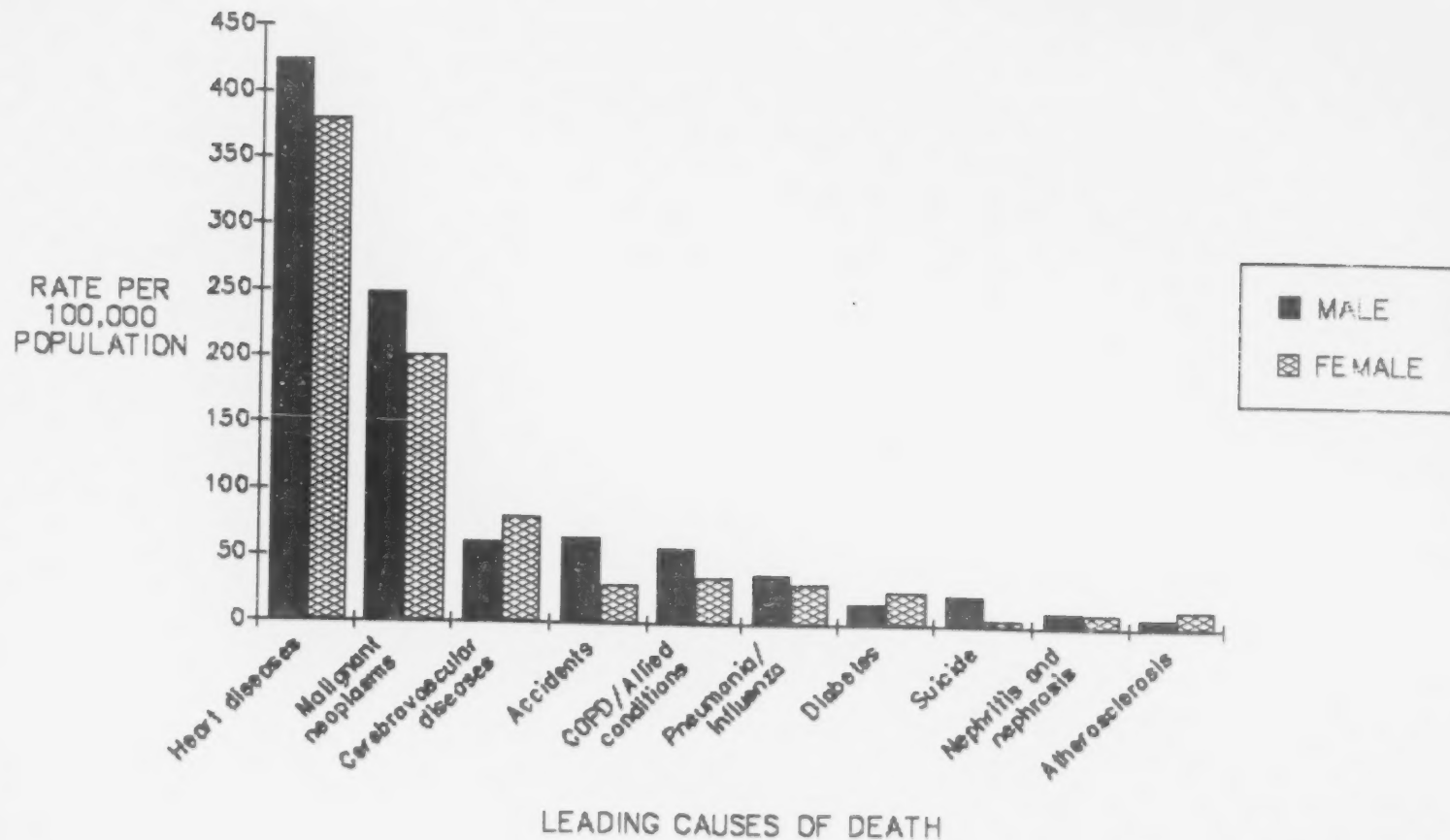
WEST VIRGINIA RESIDENT DEATHS 1986-1987
Twelve Leading Causes of Death
Number and Percent Distribution
By Years of Potential Life Lost and Deaths
Table 21

CAUSE OF DEATH	YEARS OF POTENTIAL LIFE LOST BEFORE AGE 65		(%)		NUMBER OF DEATHS		(%)	
	1985	1986	1985	1986	1985	1986	1985	1986
ALL CAUSES (TOTAL)	92,473	93,844	100.0	100.0	19,425	19,859	100.0	100.0
Unintentional injuries (E800-E949)	21,630	21,516	23.4	22.9	952	893	4.9	4.5
Malignant neoplasms (140-208)	15,706	15,009	17.0	16.0	4,131	4,313	21.3	21.7
Heart disease (390-398, 402, 404-429)	15,281	15,886	16.5	16.9	7,733	7,704	39.8	38.8
Suicide/homicide (E950-E978)	7,684	9,203	8.3	9.8	343	391	1.8	2.0
Congenital anomalies (740-759)	5,331	4,422	5.8	4.7	100	84	0.5	0.4
Premature births (765-769)	3,161	3,535	3.4	3.7	49	55	0.3	0.3
Cerebrovascular disease (430-438)	1,962	1,721	2.1	1.8	1,362	1,356	7.0	6.8
Sudden infant death (798)	1,806	1,820	2.0	1.9	46	28	0.2	0.1
Chronic liver disease and cirrhosis (571)	1,346	1,759	1.5	1.9	193	206	1.0	1.0
Chronic obstructive pulmonary diseases and allied conditions (490-496)	1,231	1,381	1.3	1.5	819	878	4.2	4.4
Pneumonia and influenza (480-487)	1,100	1,206	1.2	1.3	597	655	3.1	3.3
Diabetes mellitus (250)	971	1,190	1.1	1.3	352	403	1.8	2.0
All other	15,224	15,196	16.4	16.2	2,748	2,893	14.1	14.6

WEST VIRGINIA RESIDENT DEATHS 1986
 Selected Causes of Death
 Percent Distribution of Years of Potential Life Lost
 And Number of Deaths
 Exhibit 14



WEST VIRGINIA RESIDENT DEATHS 1986
 Ten Leading Causes of Death
 Rate by Sex
 Exhibit 15



WEST VIRGINIA RESIDENT DEATHS 1986
Leading Causes by Age Group and Sex
Table 22

LEADING CAUSES OF DEATH	TOTAL ALL AGE GROUPS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	10,415	100.0	9,444	100.0	19,859	100.0
DISEASES OF THE HEART	3,949	37.9	3,755	39.8	7,704	38.8
MALIGNANT NEOPLASMS	2,321	22.3	1,992	21.1	4,313	21.7
CEREBROVASCULAR DISEASES	565	5.4	791	8.4	1,356	6.8
ACCIDENTS, ALL FORMS	601	5.8	292	3.1	893	4.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	530	5.1	348	3.7	878	4.4
PNEUMONIA AND INFLUENZA	348	3.3	307	3.3	655	3.3
DIABETES MELLITUS	150	1.4	253	2.7	403	2.0
SUICIDE	219	2.1	51	0.5	270	1.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	112	1.1	105	1.1	217	1.1
ARTERIOSCLEROSIS	74	0.7	134	1.4	208	1.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	136	1.3	70	0.7	206	1.0
ALL OTHER CAUSES (RESIDUAL)	1,410	13.5	1,346	14.3	2,756	13.9

LEADING CAUSES OF DEATH	UNDER ONE YEAR					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	137	100.0	100	100.0	237	100.0
CONGENITAL ANOMALIES	30	21.9	18	18.0	48	20.3
SUDDEN INFANT DEATH SYNDROME	16	11.7	12	12.0	28	11.8
SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	13	9.5	12	12.0	25	10.5
RESPIRATORY DISTRESS SYNDROME	15	10.9	7	7.0	22	9.3
OTHER RESPIRATORY CONDITIONS OF NEWBORN	12	8.8	7	7.0	19	8.0
ACCIDENTS, ALL FORMS	6	4.4	5	5.0	11	4.6
MATERNAL COMPLICATIONS OF PREGNANCY	2	1.5	8	8.0	10	4.2
SEPTICEMIA	6	4.4	1	1.0	7	3.0
DISEASES OF THE HEART	3	2.2	4	4.0	7	3.0
ILL-DEFINED CONDITIONS ORIGINATING IN PERINATAL PERIOD	5	3.6	2	2.0	7	3.0
PNEUMONIA AND INFLUENZA	4	2.9	2	2.0	6	2.5
ALL OTHER CAUSES (RESIDUAL)	25	18.2	22	22.0	47	19.8

LEADING CAUSES OF DEATH	ONE TO FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	31	100.0	23	100.0	54	100.0
ACCIDENTS, ALL FORMS	11	35.5	11	47.8	22	40.7
CONGENITAL ANOMALIES	5	16.1	3	13.0	8	14.8
MALIGNANT NEOPLASMS	4	12.9	0	0.0	4	7.4
DISEASES OF THE HEART	0	0.0	4	17.4	4	7.4
ALL OTHER CAUSES (RESIDUAL)	11	35.5	5	21.7	16	29.6

WEST VIRGINIA RESIDENT DEATHS 1986
Leading Causes by Age Group and Sex
Table 22 (cont'd)

LEADING CAUSES OF DEATH	FIVE TO NINE YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	11	100.0	16	100.0	27	100.0
ACCIDENTS, ALL FORMS	7	63.6	6	37.5	13	48.1
MALIGNANT NEOPLASMS	1	9.1	2	12.5	3	11.1
CONGENITAL ANOMALIES	1	9.1	2	12.5	3	11.1
ALL OTHER CAUSES (RESIDUAL)	2	18.2	6	37.5	8	29.6

LEADING CAUSES OF DEATH	TEN TO FOURTEEN YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	35	100.0	14	100.0	49	100.0
ACCIDENTS, ALL FORMS	15	42.9	7	50.0	22	44.9
MALIGNANT NEOPLASMS	5	14.3	1	7.1	6	12.2
SUICIDE	4	11.4	1	7.1	5	10.2
DISEASES OF THE HEART	3	8.6	1	7.1	4	8.2
ALL OTHER CAUSES (RESIDUAL)	8	22.9	4	28.6	12	24.5

LEADING CAUSES OF DEATH	FIFTEEN TO TWENTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	223	100.0	87	100.0	310	100.0
ACCIDENTS, ALL FORMS	141	63.2	46	52.9	187	60.3
SUICIDE	35	15.7	5	5.7	40	12.9
HOMICIDE	18	8.1	7	8.0	25	8.1
MALIGNANT NEOPLASMS	8	3.6	5	5.7	13	4.2
DISEASES OF THE HEART	1	0.4	4	4.6	5	1.6
CONGENITAL ANOMALIES	1	0.4	4	4.6	5	1.6
DIABETES MELLITUS	0	0.0	4	4.6	4	1.3
PNEUMONIA AND INFLUENZA	1	0.4	2	2.3	3	1.0
ALL OTHER CAUSES (RESIDUAL)	18	8.1	10	11.5	28	9.0

LEADING CAUSES OF DEATH	TWENTY-FIVE TO THIRTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	281	100.0	122	100.0	403	100.0
ACCIDENTS, ALL FORMS	115	40.9	35	28.7	150	37.2
SUICIDE	47	16.7	10	8.2	57	14.1
MALIGNANT NEOPLASMS	17	6.0	27	22.1	44	10.9
DISEASES OF THE HEART	26	9.3	11	9.0	37	9.2
HOMICIDE	26	9.3	6	4.9	32	7.9
CHRONIC LIVER DISEASE AND CIRRHOSIS	7	2.5	3	2.5	10	2.5
CONGENITAL ANOMALIES	5	1.8	2	1.6	7	1.7
CEREBROVASCULAR DISEASES	3	1.1	2	1.6	5	1.2
SEPTICEMIA	2	0.7	1	0.8	3	0.7
DIABETES MELLITUS	1	0.4	2	1.6	3	0.7
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	1	0.4	2	1.6	3	0.7
ALL OTHER CAUSES (RESIDUAL)	31	11.0	21	17.2	52	12.9

WEST VIRGINIA RESIDENT DEATHS 1986
Leading Causes by Age Group and Sex
Table 22 (cont'd)

LEADING CAUSES OF DEATH	THIRTY-FIVE TO FORTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	377	100.0	177	100.0	554	100.0
DISEASES OF THE HEART	97	25.7	34	19.2	131	23.6
MALIGNANT NEOPLASMS	55	14.6	66	37.3	121	21.8
ACCIDENTS, ALL FORMS	78	20.7	17	9.6	95	17.1
SUICIDE	33	8.8	7	4.0	40	7.2
HOMICIDE	23	6.1	3	1.7	26	4.7
CHRONIC LIVER DISEASE AND CIRRHOSIS	19	5.0	3	1.7	22	4.0
CEREBROVASCULAR DISEASES	11	2.9	4	2.3	15	2.7
DIABETES MELLITUS	5	1.3	4	2.3	9	1.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	5	1.3	1	0.6	6	1.1
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	1	0.3	4	2.3	5	0.9
SEPTICEMIA	3	0.8	1	0.6	4	0.7
ALL OTHER CAUSES (RESIDUAL)	47	12.5	33	18.6	80	14.4

LEADING CAUSES OF DEATH	FORTY-FIVE TO FIFTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	678	100.0	406	100.0	1,084	100.0
DISEASES OF THE HEART	285	42.0	94	23.2	379	35.0
MALIGNANT NEOPLASMS	159	23.5	172	42.4	331	30.5
ACCIDENTS, ALL FORMS	43	6.3	8	2.0	51	4.7
CEREBROVASCULAR DISEASES	17	2.5	22	5.4	39	3.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	32	4.7	7	1.7	39	3.6
SUICIDE	21	3.1	11	2.7	32	3.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	12	1.8	15	3.7	27	2.5
DIABETES MELLITUS	11	1.6	15	3.7	26	2.4
HOMICIDE	12	1.8	1	0.2	13	1.2
SEPTICEMIA	7	1.0	4	1.0	11	1.0
PNEUMONIA AND INFLUENZA	8	1.2	2	0.5	10	0.9
ALL OTHER CAUSES (RESIDUAL)	71	10.5	55	13.5	126	11.6

LEADING CAUSES OF DEATH	FIFTY-FIVE TO SIXTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	1,672	100.0	1,136	100.0	2,808	100.0
DISEASES OF THE HEART	682	40.8	346	30.5	1,028	36.6
MALIGNANT NEOPLASMS	518	31.0	432	38.0	950	33.8
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	77	4.6	83	7.3	160	5.7
CEREBROVASCULAR DISEASES	42	2.5	55	4.8	97	3.5
ACCIDENTS, ALL FORMS	51	3.1	20	1.8	71	2.5
DIABETES MELLITUS	33	2.0	37	3.3	70	2.5
CHRONIC LIVER DISEASE AND CIRRHOSIS	31	1.9	18	1.6	49	1.7
SUICIDE	28	1.7	8	0.7	36	1.3
PNEUMONIA AND INFLUENZA	25	1.5	4	0.4	29	1.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	11	0.7	13	1.1	24	0.9
SEPTICEMIA	7	0.4	10	0.9	17	0.6
ALL OTHER CAUSES (RESIDUAL)	167	10.0	110	9.7	277	9.9

WEST VIRGINIA RESIDENT DEATHS 1986
Leading Causes by Age Group and Sex
Table 22 (cont'd)

LEADING CAUSES OF DEATH	SIXTY-FIVE TO SEVENTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	2,860	100.0	2,050	100.0	4,910	100.0
DISEASES OF THE HEART	1,133	39.6	807	39.4	1,940	39.5
MALIGNANT NEOPLASMS	786	27.5	562	27.4	1,348	27.5
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	198	6.9	107	5.2	305	6.2
CEREBROVASCULAR DISEASES	157	5.5	138	6.7	295	6.0
DIABETES MELLITUS	42	1.5	64	3.1	106	2.2
PNEUMONIA AND INFLUENZA	70	2.4	36	1.8	106	2.2
ACCIDENTS, ALL FORMS	50	1.7	35	1.7	85	1.7
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	33	1.2	14	0.7	47	1.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	25	0.9	19	0.9	44	0.9
ARTERIOSCLEROSIS	19	0.7	15	0.7	34	0.7
COAL WORKER'S PNEUMOCONIOSIS	33	1.2	0	0.0	33	0.7
ALL OTHER CAUSES (RESIDUAL)	314	11.0	253	12.3	567	11.5

LEADING CAUSES OF DEATH	SEVENTY-FIVE TO EIGHTY-FOUR YEARS					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	2,728	100.0	2,961	100.0	5,689	100.0
DISEASES OF THE HEART	1,114	40.8	1,322	44.6	2,436	42.8
MALIGNANT NEOPLASMS	584	21.4	504	17.0	1,088	19.1
CEREBROVASCULAR DISEASES	199	7.3	292	9.9	491	8.6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	185	6.8	97	3.3	282	5.0
PNEUMONIA AND INFLUENZA	128	4.7	109	3.7	237	4.2
DIABETES MELLITUS	41	1.5	84	2.8	125	2.2
ACCIDENTS, ALL FORMS	46	1.7	56	1.9	102	1.8
ARTERIOSCLEROSIS	23	0.8	45	1.5	68	1.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	31	1.1	36	1.2	67	1.2
SEPTICEMIA	24	0.9	39	1.3	63	1.1
CHRONIC LIVER DISEASE AND CIRRHOSIS	20	0.7	16	0.5	36	0.6
ALL OTHER CAUSES (RESIDUAL)	333	12.2	361	12.2	694	12.2

LEADING CAUSES OF DEATH	EIGHTY-FIVE AND OVER					
	MALE		FEMALE		TOTAL	
	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
TOTAL DEATHS, ALL CAUSES	1,380	100.0	2,349	100.0	3,729	100.0
DISEASES OF THE HEART	604	43.8	1,127	48.0	1,731	46.4
CEREBROVASCULAR DISEASES	133	9.6	277	11.8	410	11.0
MALIGNANT NEOPLASMS	184	13.3	221	9.4	405	10.9
PNEUMONIA AND INFLUENZA	107	7.8	147	6.3	254	6.8
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	54	3.9	39	1.7	93	2.5
ARTERIOSCLEROSIS	21	1.5	70	3.0	91	2.4
ACCIDENTS, ALL FORMS	38	2.8	46	2.0	84	2.3
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	26	1.9	39	1.7	65	1.7
DIABETES MELLITUS	17	1.2	42	1.8	59	1.6
SEPTICEMIA	16	1.2	35	1.5	51	1.4
HYPERTENSION	6	0.4	14	0.6	20	0.5
ALL OTHER CAUSES (RESIDUAL)	174	12.6	292	12.4	466	12.5

WEST VIRGINIA RESIDENT DEATHS 1986
Diseases of the Heart
Number and Rate by Sex
Table 23

ICDA 9 CODE NUMBER	HEART DISEASE DEATHS	* NUMBER AND RATE BY SEX					
		MALE		FEMALE		TOTAL	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
390-398, 402, 404-429	TOTAL	3,949	424.2	3,755	380.1	7,704	401.5
390-398	RHEUMATIC FEVER AND RHEUMATIC HEART DISEASE	23	2.5	36	3.6	59	3.1
402	HYPERTENSIVE HEART DISEASE	80	8.6	88	8.9	168	8.8
404	HYPERTENSIVE HEART DISEASE AND RENAL DISEASE	8	0.9	18	1.8	26	1.4
410-414	ISCHEMIC HEART DISEASE	2,545	273.4	2,316	234.4	4,861	253.3
415-417	DISEASES OF THE PULMONARY CIRCULATION	66	7.1	83	8.4	149	7.8
420-429	OTHER FORMS OF HEART DISEASE	1,227	131.8	1,214	122.9	2,441	127.2

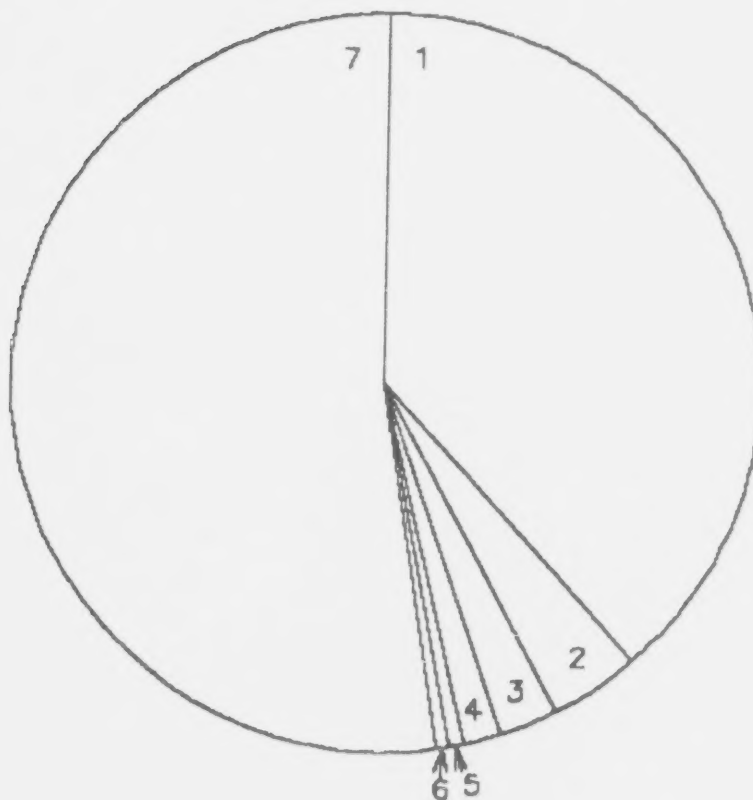
* THESE RATES ARE BASED ON A MALE POPULATION OF 931,000 AND A FEMALE POPULATION OF 988,000.
1986 POPULATION ESTIMATES. THE MALE/FEMALE DISTRIBUTION IS BASED UPON THE PERCENTAGES FROM THE 1980 CENSUS

WEST VIRGINIA RESIDENT DEATHS 1986
Malignant Neoplasms (Cancer)
Number and Rate by Sex
Table 24

ICDA 9 CODE NUMBER	MALIGNANT NEOPLASM DEATHS	* NUMBER AND RATE BY SEX					
		MALE		FEMALE		TOTAL	
		NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
140-208	TOTAL	2,321	249.3	1,992	201.6	4,313	224.8
140-149	-- OF LIP, ORAL CAVITY, AND PHARYNX	37	4.0	19	1.9	56	2.9
150-159	-- OF DIGESTIVE ORGANS AND PERITONEUM	486	52.2	446	45.1	932	48.6
160-165	-- OF RESPIRATORY AND INTRATHORACIC ORGANS	931	100.0	453	45.9	1,384	72.1
170-175	-- OF BONE, CONNECTIVE TISSUE, SKIN, AND BREAST	50	5.4	379	38.4	429	22.4
179-187	-- OF GENITAL ORGANS	249	26.7	230	23.3	479	25.0
188-189	-- OF URINARY ORGANS	97	10.4	60	6.1	157	8.2
190-199	-- OF OTHER AND UNSPECIFIED SITES	283	30.4	212	21.5	495	25.8
200-203	-- OF LYMPHATIC AND HEMATOPOIETIC TISSUES	104	11.2	114	11.5	218	11.4
204-208	LEUKEMIA	84	9.0	79	8.0	163	8.5

* THESE RATES ARE BASED ON A MALE POPULATION OF 931,000 AND A FEMALE POPULATION OF 988,000.
1986 POPULATION ESTIMATES. THE MALE/FEMALE DISTRIBUTION IS BASED UPON THE PERCENTAGES FROM THE 1980 CENSUS

WEST VIRGINIA RESIDENT DEATHS 1986
Nontransport Accidental Deaths
Place of Occurrence
Exhibit 16



PLACE OF OCCURRENCE	NUMBER
1. Home	166
2. Mine and Quarry	17
3. Industrial Places and Premises	11
4. Resident Institution	8
5. Farm	2
6. Street and Highway	2
7. Other and Unspecified	227
TOTAL	433

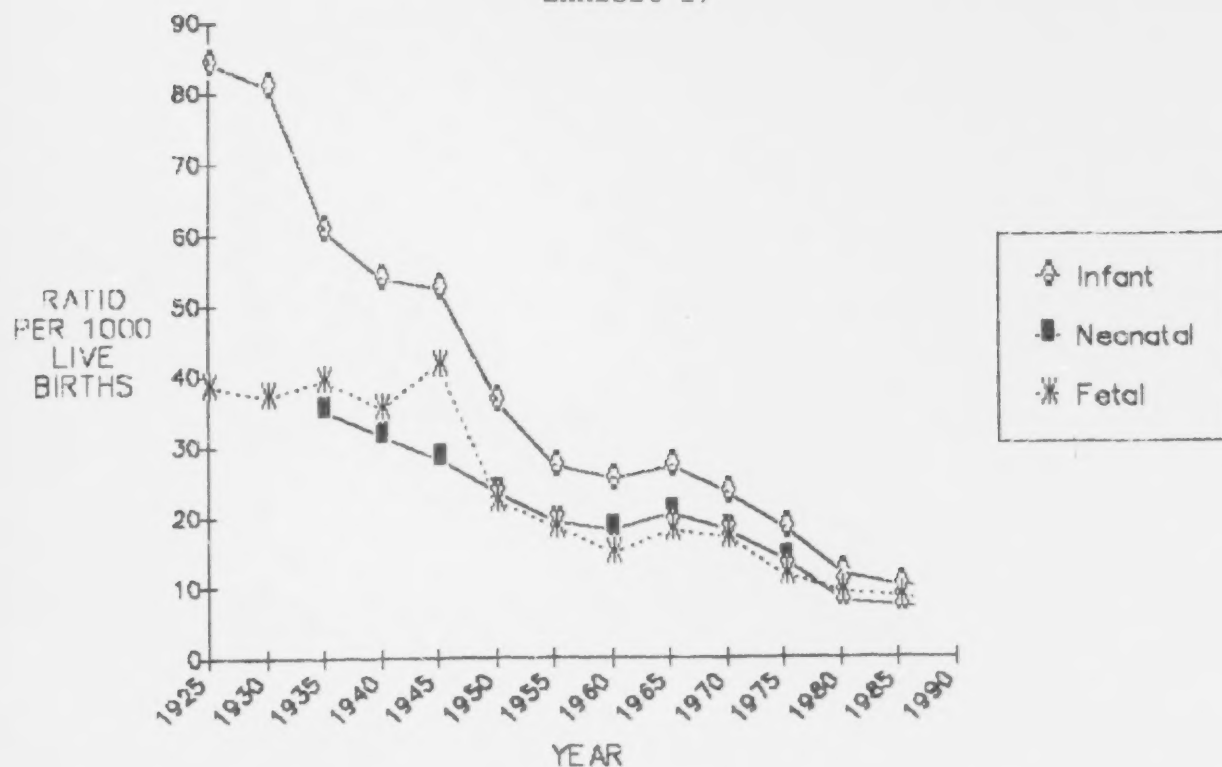
WEST VIRGINIA RESIDENT DEATHS 1986
Nontransport Accidental Deaths
Table 25

ICDA 9 NUMBER CODE	NONTRANSPORT ACCIDENTAL DEATHS	NUMBER OF DEATHS
E850-869	POISONING	31
E870-879	SURGICAL MISADVENTURES AND/OR COMPLICATIONS	35
E880-888	FALLS	109
E890-899	FIRES AND FLAMES	51
E900	EXCESSIVE HEAT	4
E901	EXCESSIVE COLD	9
E904	HUNGER, THIRST, EXPOSURE, NEGLECT	1
E905	VENOMOUS ANIMALS AND PLANTS	3
E909	EARTH MOVEMENTS AND ERUPTIONS	1
E910	DROWNING AND SUBMERSION	49
E911	INHALATION AND INGESTION OF FOOD CAUSING SUFFOCATION	23
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING SUFFOCATION	19
E913	MECHANICAL SUFFOCATION	10
E916	STRUCK BY FALLING OBJECT	21
E919	CAUSED BY MACHINERY	8
E920	CAUSED BY CUTTING AND PIERCING INSTRUMENTS OR OBJECTS	2
E921	CAUSED BY EXPLOSION OF PRESSURE VESSEL	1
E922	CAUSED BY FIREARM MISSILE	17
E923	CAUSED BY EXPLOSIVE MATERIAL	3
E924	CAUSED BY HOT, CAUSTIC, OR CORROSIVE MATERIAL	3
E925	CAUSED BY ELECTRIC CURRENT	17
E928	OTHER AND UNSPECIFIED CAUSES	11
E929	LATE EFFECTS OF INJURY	5
E850-929	TOTAL	433

WEST VIRGINIA RESIDENT DEATHS 1986
Home Accidental Deaths
Table 26

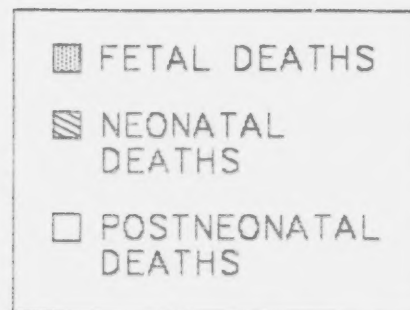
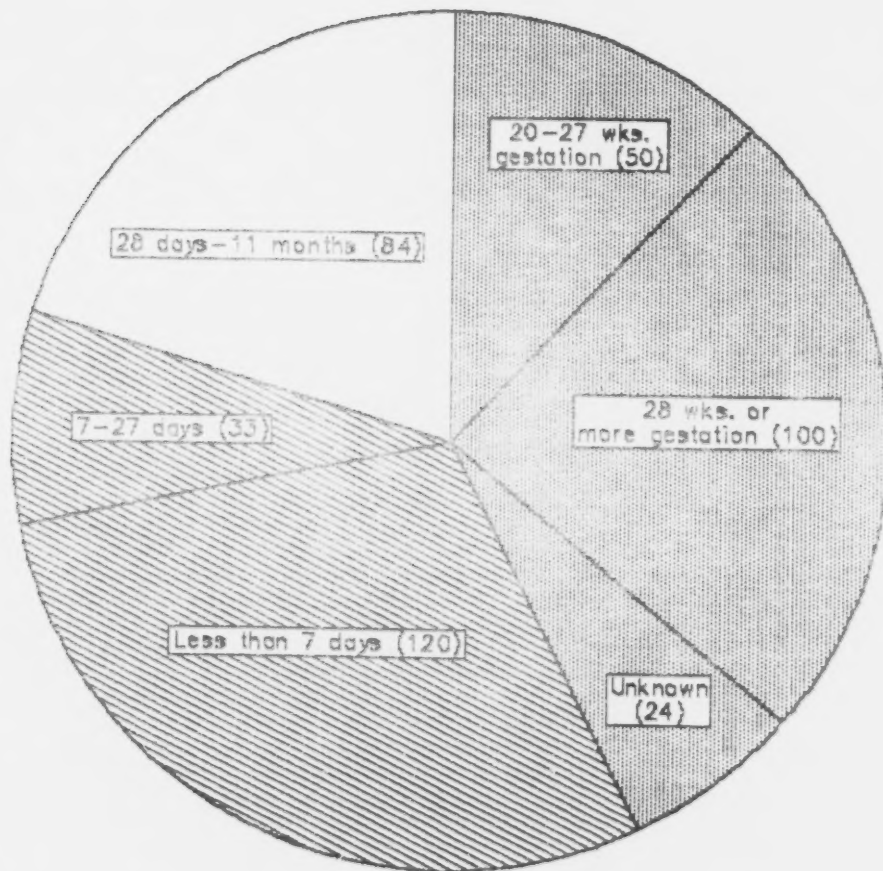
ICDA 9 NUMBER CODE	HOME ACCIDENTAL DEATHS	NUMBER OF DEATHS
E850-869	POISONING	18
E870-879	SURGICAL MISADVENTURES AND/OR COMPLICATIONS	2
E880-888	FALLS	49
E890-899	FIRES AND FLAMES	51
E901	EXCESSIVE COLD	3
E905	VENOMOUS ANIMALS AND PLANTS	1
E910	DROWNING AND SUBMERSION	8
E911	INHALATION AND INGESTION OF FOOD CAUSING SUFFOCATION	1
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING SUFFOCATION	1
E913	MECHANICAL SUFFOCATION	6
E916	STRUCK BY FALLING OBJECT	2
E919	CAUSED BY MACHINERY	1
E920	CAUSED BY CUTTING AND PIERCING INSTRUMENTS OR OBJECTS	2
E922	CAUSED BY FIREARM MISSILE	12
E923	CAUSED BY EXPLOSIVE MATERIAL	1
E924	CAUSED BY HOT, CAUSTIC, OR CORROSIVE MATERIAL	3
E925	CAUSED BY ELECTRIC CURRENT	5
E800-949	TOTAL	166

WEST VIRGINIA RESIDENT DEATHS 1925-1986
Fetal, Neonatal, Infant Deaths
Number and Ratio
Exhibit 17



YEAR OF DEATH	FETAL DEATHS		NEONATAL DEATHS		INFANT DEATHS	
	Number	Ratio per 1000 Live Births	Number	Ratio per 1000 Live Births	Number	Ratio per 1000 Live Births
1925	1,740	38.5	NA	NA	3,809	84.2
1930	1,547	37.2	NA	NA	3,370	81.0
1935	1,647	39.4	1,467	35.1	2,538	60.8
1940	1,483	35.4	1,321	31.5	2,258	53.9
1945	1,594	41.5	1,085	28.2	2,013	52.4
1950	1,126	22.1	1,184	23.3	1,849	36.4
1955	813	18.4	847	19.2	1,198	27.1
1960	583	14.7	713	18.0	1,005	25.3
1965	575	18.0	649	10.3	867	27.1
1970	513	17.0	542	17.9	705	23.3
1975	323	11.6	385	13.8	513	18.3
1978	319	11.0	296	10.2	437	15.1
1979	332	11.2	269	9.0	408	13.7
1980	275	9.3	235	8.0	347	11.8
1981	293	10.5	246	8.8	363	13.1
1982	272	10.0	197	7.2	312	11.4
1983	264	10.2	181	7.0	281	10.9
1984	221	9.0	174	7.1	269	11.0
1985	208	8.6	175	7.3	257	10.0
1986	174	7.5	153	6.6	237	10.2

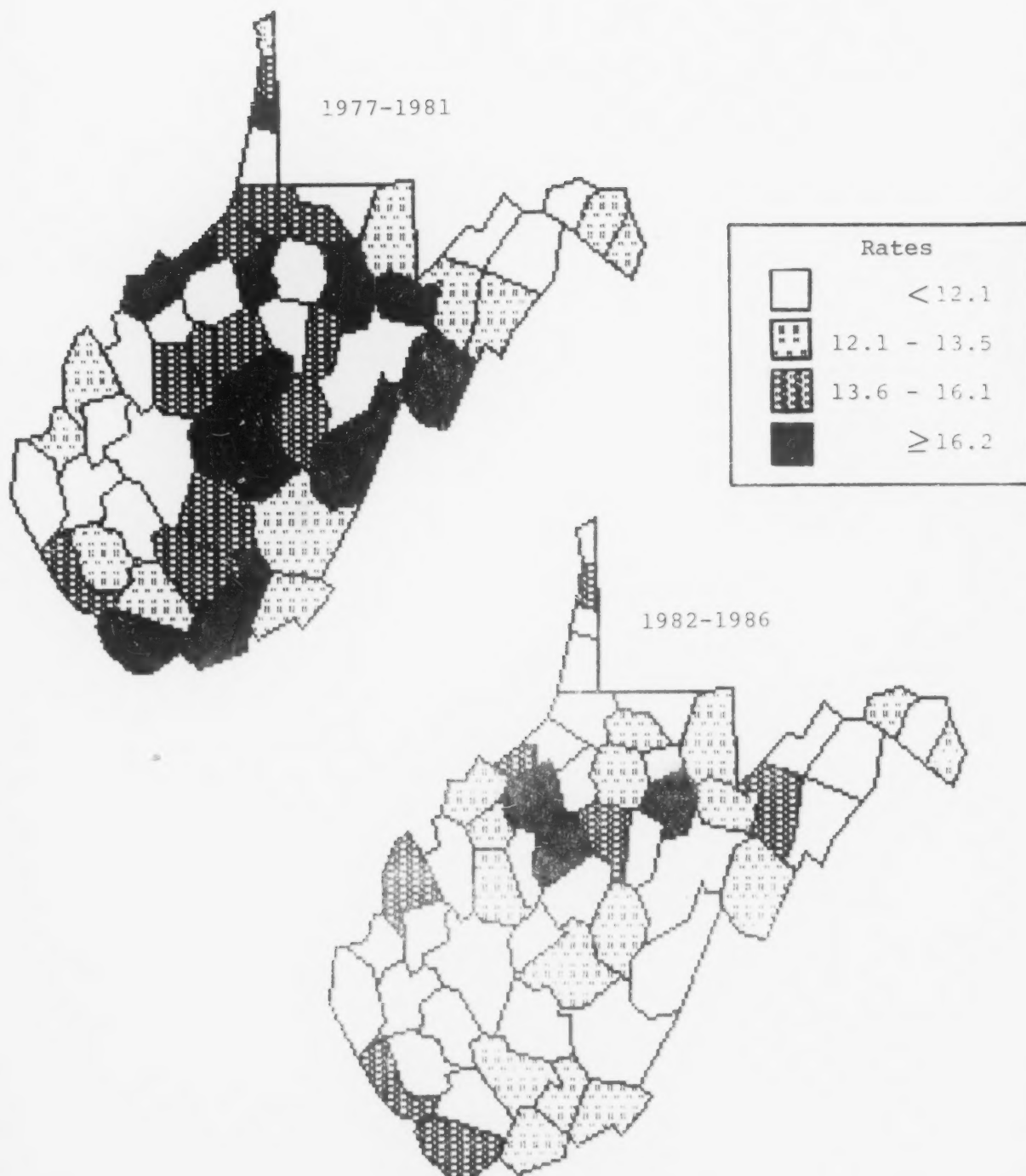
WEST VIRGINIA PERINATAL DEATHS 1986
Fetal Deaths, Neonatal Deaths, and Postneonatal Deaths
Exhibit 18



WEST VIRGINIA INFANT DEATHS 1986
Causes of Death by Age
Table 27

ICDA 9 CODE NUMBER	CAUSE OF DEATH	UNDER 1 DAY	1 TO 5 DAYS	7 TO 27 DAYS	28 DAYS TO 11 MONTHS	TOTAL
001-999	TOTAL DEATHS, ALL CAUSES	92	28	33	84	237
038	SEPTICEMIA	0	1	2	4	7
045-079	VIRAL DISEASES	0	0	0	1	1
320-322	MENTINGITIS	0	0	0	2	2
323-389	OTHER DISEASES OF NERVOUS SYSTEM AND SENSE ORGANS	0	1	0	4	5
390-398,	DISEASE OF THE HEART	0	3	0	4	7
402,404-429						
480-487	PNEUMONIA AND INFLUENZA	0	0	0	6	6
480-486	PNEUMONIA	0	0	0	6	6
553,555-558	GASTRITIS, DUODENITIS, AND NONINFECTIVE ENTERITIS COLITIS	1	0	1	0	2
740-759	CONGENITAL ANOMALIES	18	7	11	12	48
740	ANENCEPHALUS AND SIMILAR ANOMALIES	1	0	0	0	1
741	SPINA BIFIDA	0	0	1	0	1
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	1	0	1	0	2
742.3	CONGENITAL HYDROCEPHALUS	0	0	1	0	1
745-746	CONGENITAL ANOMALIES OF HEART	2	2	4	6	14
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	0	4	4	0	8
748	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	5	0	0	1	6
749-751	CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	1	0	0	2	3
752-753	CONGENITAL ANOMALIES OF GENITOURINARY SYSTEM	2	0	1	0	3
754-756	CONGENITAL ANOMALIES OF MUSCULOSKELETAL SYSTEM	2	0	0	0	2
758	CHROMOSOMAL ANOMALIES	1	1	0	2	4
758.0	DOWN'S SYNDROME	0	0	0	2	2
744,757,759	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	3	0	0	1	4
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	71	13	11	8	103
760	NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	2	0	0	0	2
761	NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	9	1	0	0	10
762	NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	5	0	0	0	5
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	25	0	0	0	25
767	BIRTH TRAUMA	1	2	0	0	3
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	2	1	0	1	4
768.2-768.4	FETAL DISTRESS IN LIVEBORN INFANT	1	0	0	0	1
768.5-768.9	BIRTH ASPHYXIA	1	1	0	1	3
769	RESPIRATORY DISTRESS SYNDROME	11	5	3	3	22
770	OTHER RESPIRATORY CONDITIONS OF NEWBORN	11	2	3	3	19
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	0	1	2	1	5
772	NEONATAL HEMORRHAGE	0	0	1	0	1
776.1-779	ALL OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN PERINATAL PERIOD	4	1	2	0	7
780-799	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	1	3	31	35
798.0	SUDDEN INFANT DEATH SYNDROME	0	0	1	27	28
E800-999	EXTERNAL CAUSES OF INJURY AND POISONING	2	0	3	9	14
E800-949	ACCIDENTS, ALL FORMS	0	0	2	9	11
E810-825	MOTOR VEHICLE ACCIDENTS	0	0	0	2	2
E910-915	ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION AND FOREIGN BODIES	0	0	2	5	7
E912	INHALATION AND INGESTION OF OTHER OBJECTS CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	0	0	0	1	1
E913	ACCIDENTAL MECHANICAL SUFFOCATION	0	0	2	2	4
E960-969	HOMICIDE	1	0	1	0	2
E967	CHILD BATTERING AND OTHER MALTREATMENT	1	0	1	0	2
RESIDUAL	ALL OTHER CAUSES (RESIDUAL)	0	2	2	3	7

WEST VIRGINIA INFANT DEATHS 1977-1981 AND 1982-1986
Rate by County of Residence
Exhibit 19



WEST VIRGINIA FETAL DEATHS 1984-1986
Causes of Death
Table 28

ICDA 9 CODE	CAUSE OF DEATH	1983	1984	1985	1986
740-779,799.9	TOTAL FETAL DEATHS, ALL CAUSES	264	221	208	174
740-759	CONGENITAL ANOMALIES	21	24	17	19
740	Anencephalus	9	10	4	4
741	Spina bifida	2	0	1	1
742	Other anomalies of nervous system	1	1	4	1
758	Chromosomal anomalies	2	3	3	1
758.0	Down's syndrome	1	1	1	0
759	Other and unspecified anomalies	7	10	4	5
759.7	Multiple congenital anomalies	3	3	1	4
760-779	CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	243	197	190	155
760	Maternal conditions	23	6	13	7
760.5	Maternal injury	0	2	3	1
761	Maternal complications of pregnancy	18	20	11	11
761.1	Premature rupture of membranes	9	7	6	4
761.5	Multiple pregnancy	6	4	0	2
762	Complications of placenta, cord & membranes	80	79	83	66
762.1	Premature rupture of membranes	34	25	35	22
762.2	Unspecified abnormalities of placenta	10	14	11	10
762.4	Prolapsed cord	6	4	2	2
762.5	Other compression of umbilical cord	20	18	23	21
762.6	Unspecified conditions of umbilical cord	7	13	6	8
763	Other complications of labor and delivery	5	8	1	3
764	Slow fetal growth and fetal malnutrition	1	1	1	2
765	Short gestation and unspecified low birthweight	12	5	8	6
765.0	Extreme prematurity	2	1	3	2
765.1	Other preterm infants	10	4	5	4
767	Birth trauma	0	1	0	0
768	Intrauterine hypoxia and birth asphyxia	6	1	3	3
770	Other respiratory conditions	0	5	1	1
771	Infections specific to perinatal period	1	0	3	1
772	Fetal hemorrhage	0	1	1	0
775	Endocrine and metabolic disturbances	2	6	0	4
775.0	Syndrome of "infant of a diabetic mother"	2	5	0	4
775.1	Neonatal diabetes mellitus	0	1	0	0
778	Integument and temperature regulation	0	3	0	4
779	Other and ill-defined conditions	95	60	65	46
779.6	Termination of pregnancy	27	15	17	1
779.9	Other and unspecified causes	64	43	48	44
799.9	Residual - all other causes	0	1	1	0

WEST VIRGINIA FETAL DEATHS 1986
Number by County of Residence and Occurrence
Ratio by County of Residence
Table 29

COUNTY	RESIDENCE	RATIO *	OCCURRENCE	COUNTY	RESIDENCE	RATIO *	OCCURRENCE
BARBOUR	4	18.6	1	MONONGALIA	4	4.5	18
BERKELEY	4	5.1	6	MONROE	2	12.9	0
BOONE	3	8.0	0	MORGAN	2	18.0	0
BRAXTON	4	22.2	2	NICHOLAS	3	7.9	1
BROOKE	1	4.0	0	OHIO	3	4.5	17
CAPELL	7	5.8	17	PENDLETON	3	27.5	1
CALHOUN	2	15.5	2	PLEASANTS	1	12.8	0
CLAY	4	21.2	0	POCAHONTAS	1	10.0	0
DODDRIDGE	0	0.0	0	PRESTON	2	5.1	2
FAYETTE	6	9.9	2	PUTNAM	4	6.9	0
GILMER	2	20.6	0	RALEIGH	4	4.4	6
GRANT	0	0.0	2	RANDOLPH	2	5.7	3
GREENBRIER	4	9.5	5	RITCHIE	0	0.0	0
HAMPSHIRE	0	0.0	0	ROANE	2	10.5	2
HANCOCK	1	2.7	0	SUMMERS	3	20.1	2
HARDY	0	0.0	0	TAYLOR	2	10.4	0
HARRISON	7	7.1	3	TUCKER	0	0.0	0
JACKSON	1	2.9	0	TYLER	1	6.8	1
JEFFERSON	3	5.9	3	UPSHUR	1	2.9	1
KANAWHA	23	8.5	39	WAYNE	3	5.7	0
LEWIS	3	12.9	5	WEBSTER	2	14.1	2
LINCOLN	2	6.9	0	WETZEL	2	6.7	1
LOGAN	4	6.9	10	WIRT	0	0.0	0
MCDOWELL	2	3.2	0	WOOD	5	4.4	7
MARION	5	7.7	7	WYOMING	1	2.6	0
MARSHALL	4	8.5	1				
MASON	1	3.5	1				
MERCER	10	12.6	18	TOTAL	174	7.5	194
MINERAL	4	13.2	0				
MINGO	10	18.3	6				

*FETAL DEATH RATIO = (FETAL DEATHS/LIVE BIRTHS) X 1,000 IN EACH RESPECTIVE COUNTY.

WEST VIRGINIA FETAL DEATHS 1982-1986
Number and Ratio by County of Residence
Table 30

COUNTY OF RESIDENCE	1982		1983		1984		1985		1986	
	NO.	RATIO*	NO.	RATIO*	NO.	RATIO*	NO.	RATIO*	NO.	RATIO*
BARBOUR	0	0.0	6	27.3	4	17.4	1	5.2	4	18.6
BERKLEY	11	14.9	3	4.3	3	4.1	5	6.6	4	5.1
BOONE	5	11.7	6	14.8	3	7.9	5	14.6	3	8.0
BRAXTON	1	5.0	2	10.1	1	6.1	1	4.7	4	22.2
BROOKE	2	5.7	7	22.0	2	6.8	4	13.6	1	4.0
CABELL	18	12.6	14	10.4	9	7.1	14	12.6	7	5.8
CALHOUN	1	7.9	2	16.7	0	0.0	1	8.0	2	15.5
CLAY	3	16.2	2	10.8	0	0.0	2	11.5	4	21.2
DODDRIDGE	2	16.5	1	8.2	0	0.0	1	12.3	0	0.0
FAYETTE	6	7.3	13	17.0	2	2.8	6	8.7	6	9.9
GILMER	1	7.8	1	7.4	1	8.3	2	19.0	2	20.6
GRANT	0	0.0	0	0.0	3	23.3	0	0.0	0	0.0
GREENBRIER	5	9.4	6	13.3	3	7.2	3	7.5	4	9.5
HAMPSHIRE	1	4.7	0	0.0	1	5.3	3	14.7	0	0.0
HANCOCK	4	8.4	8	18.6	6	14.1	5	12.0	1	2.7
HARDY	0	0.0	0	0.0	2	17.7	0	0.0	0	0.0
HARRISON	10	9.2	7	6.5	5	5.0	4	4.0	7	7.1
JACKSON	3	8.0	1	2.7	0	0.0	4	12.6	1	2.9
JEFFERSON	1	2.1	1	2.3	6	13.0	5	10.3	3	5.9
KANAWHA	30	9.2	34	11.5	32	11.5	31	11.1	23	8.5
LEWIS	4	14.4	1	4.1	4	17.8	4	16.6	3	12.9
LINCOLN	5	13.4	2	6.1	0	0.0	5	16.9	2	6.9
LOGAN	12	15.7	5	6.7	5	7.9	3	4.8	4	6.9
MCDOWELL	12	15.2	13	18.1	8	12.0	9	14.0	2	3.2
MARION	8	9.4	14	17.8	9	11.3	8	11.1	5	7.7
MARSHALL	5	9.5	3	5.9	4	7.8	3	6.3	4	8.5
MASON	1	2.7	3	8.3	2	5.6	2	5.8	1	3.5
MERCER	16	17.0	15	15.8	10	10.7	4	4.6	10	12.6
MINERAL	2	5.0	2	5.8	4	11.1	2	5.6	4	13.2
MINGO	8	12.4	7	10.5	7	11.0	3	5.2	10	18.3
MONONGALIA	12	12.7	11	11.4	11	12.2	9	9.6	4	4.5
MONROE	2	10.2	0	0.0	2	12.9	0	0.0	2	12.9
MORGAN	1	6.9	0	0.0	0	0.0	0	0.0	2	18.0
NICHOLAS	5	12.2	1	2.6	2	5.3	4	10.8	3	7.9
OHIO	2	2.8	3	4.5	10	14.3	5	7.2	3	4.5
PENDLETON	0	0.0	0	0.0	0	0.0	0	0.0	3	27.5
PLEASANTS	1	8.6	1	8.8	0	0.0	3	33.7	1	12.8
POCAHONTAS	0	0.0	1	8.5	3	24.0	2	16.4	1	10.0
PRESTON	3	6.7	2	4.2	3	6.5	2	4.7	2	5.1
PUTNAM	5	9.1	2	3.9	5	10.1	2	3.4	4	6.9
RALEIGH	17	14.1	13	11.3	11	11.1	10	9.4	4	4.4
RANDOLPH	5	11.6	4	10.6	4	9.4	3	7.5	2	5.7
RITCHIE	0	0.0	5	34.2	0	0.0	2	14.2	0	0.0
ROANE	1	4.1	1	3.9	0	0.0	1	5.1	2	10.5
SUMMERS	2	9.2	3	14.6	3	17.5	0	0.0	3	20.1
TAYLOR	2	8.5	0	0.0	0	0.0	1	4.4	2	10.4
TUCKER	0	0.0	2	16.1	1	9.6	1	9.7	0	0.0
TYLER	3	22.1	1	6.4	0	0.0	0	0.0	1	6.8
UPSHUR	7	20.0	4	11.8	4	12.3	3	8.6	1	2.9
WAYNE	8	12.5	5	8.2	1	1.9	2	3.8	3	5.7
WEBSTER	0	0.0	0	0.0	3	19.7	0	0.0	2	14.1
WEITZEL	6	18.5	3	9.7	3	10.3	6	22.1	2	6.7
WIRT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
WOOD	10	7.5	18	14.3	15	12.9	9	7.9	5	4.4
WYOMING	3	5.5	5	10.3	4	8.7	3	7.5	1	2.6
TOTAL	272	10.0	264	10.2	221	9.0	208	8.6	174	7.5

* FETAL DEATH RATIO = (FETAL DEATHS/LIVE BIRTHS) X 1,000 IN EACH RESPECTIVE COUNTY.

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes by Race and Sex
Table 31

SELECTED CAUSES OF DEATH	TOTAL	WHITE		NONWHITE	
		MALE	FEMALE	MALE	FEMALE
FETAL DEATHS	174	88	82	2	2
TOTAL DEATHS, ALL CAUSES	19,859	9,951	9,012	464	432
DEATHS UNDER 1 YEAR	237	126	87	11	13
DEATHS UNDER 28 DAYS	153	80	56	7	10
INTESTINAL INFECTIOUS DISEASES	3	2	1	0	0
TUBERCULOSIS	19	9	8	0	2
SEPTICEMIA	185	74	96	7	8
MALIGNANT NEOPLASMS	4,313	2,214	1,909	107	83
--OF DIGESTIVE ORGANS AND PERITONEUM	932	460	421	26	25
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	1,384	902	438	29	15
--OF GENITOURINARY ORGANS	636	320	277	26	13
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	79	39	38	1	1
DIABETES MELLITUS	403	139	228	11	25
NUTRITIONAL DEFICIENCIES	32	11	20	0	1
ANEMIAS	47	20	26	0	1
MAJOR CARDIOVASCULAR DISEASES	9,565	4,565	4,614	177	209
DISEASES OF THE HEART	7,704	3,798	3,597	151	158
HYPERTENSION	78	29	43	2	4
CEREBROVASCULAR DISEASES	1,356	545	754	20	37
ARTERIOSCLEROSIS	208	73	127	1	7
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	219	120	93	3	3
PNEUMONIA AND INFLUENZA	655	330	298	18	9
PNEUMONIA	652	329	296	18	9
INFLUENZA	3	1	2	0	0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	878	512	340	18	8
BRONCHITIS, EMPHYSEMA, AND ASTHMA	224	113	104	6	1
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	142	100	29	11	2
COAL WORKER'S PNEUMOCONIOSIS	82	71	0	11	0
ULCER OF STOMACH AND DUODENUM	43	12	28	1	2
HERNIA AND INTESTINAL OBSTRUCTION	57	22	32	1	2
CHRONIC LIVER DISEASE AND CIRRHOSIS	206	130	67	6	3
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	26	14	11	1	0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	217	104	97	8	8
INFECTIONS OF KIDNEY	15	4	10	0	1
CONGENITAL ANOMALIES	84	42	38	4	0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	105	54	36	4	11
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	30	18	10	0	2
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	25	12	11	1	1
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	137	61	69	6	1
ACCIDENTS, ALL FORMS	893	573	281	28	11
MOTOR VEHICLE ACCIDENTS	445	303	129	10	3
HOME ACCIDENTS	164	86	64	10	4
WORK ACCIDENTS	59	56	1	2	0
SUICIDE	270	210	50	9	1
HOMICIDE	121	79	25	14	3
ALL OTHER CAUSES (RESIDUAL)	1,364	631	661	32	40

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ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
001-999	TOTAL DEATHS, ALL CAUSES	17,859	10.3
001-136	INFECTIOUS AND PARASITIC DISEASES	253	13.2
001-009	INTESTINAL INFECTIOUS DISEASES	3	0.2
002	TYPHOID AND PARATYPHOID FEVERS	1	0.1
006	AMEBIASIS	1	0.1
009	ILL-DEFINED INTESTINAL INFECTIONS	1	0.1
010-018	TUBERCULOSIS	19	1.0
011	PULMONARY TUBERCULOSIS	17	0.9
018	MILIARY TUBERCULOSIS	2	0.1
020-027	ZOOONOTIC BACTERIAL DISEASES	1	0.1
027	OTHER ZOOONOTIC BACTERIAL DISEASES	1	0.1
030-041	OTHER BACTERIAL DISEASES	193	10.1
031	DISEASES DUE TO OTHER MYCOBACTERIA	1	0.1
036	MENINGOCOCCAL INFECTION	1	0.1
037	TETANUS	189	9.6
038	SEPTICEMIA	1	0.1
039	ACTINOMYCOTIC INFECTIONS	2	0.1
040	OTHER BACTERIAL DISEASES	2	0.1
041	BACTERIAL INFECTION IN CONDITIONS CLASSIFIED ELSEWHERE AND OF UNSPECIFIED SITE	6	0.3
045-049	POLIO MYELITIS AND OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES OF CENTRAL NERVOUS SYSTEM	3	0.2
046	SLOW VIRUS INFECTION OF CENTRAL NERVOUS SYSTEM	3	0.2
049	OTHER NON-ARTHROPOD-BORNE VIRAL DISEASES OF CENTRAL NERVOUS SYSTEM	5	0.3
050-057	VIRAL DISEASES ACCOMPANIED BY EXANTHEM	1	0.1
053	HERPES ZOSTER	3	0.2
054	HERPES SIMPLEX	1	0.1
057	OTHER VIRAL EXANTHEMATA	6	0.3
070-079	OTHER DISEASES DUE TO VIRUSES AND CHLAMYDIAE	6	0.3
070	VIRAL HEPATITIS	1	0.1
080-088	RICKETTSIOSES AND OTHER ARTHROPOD-BORNE DISEASES	1	0.1
082	TICK-BORNE RICKETTSIOSES	1	0.1
090-099	SYPHILIS AND OTHER VENEREAL DISEASES	1	0.1
097	OTHER AND UNSPECIFIED SYPHILIS	13	0.7
110-118	MYCOSES	6	0.3
112	CANDIDIASIS	2	0.1
115	HISTOPLASMOSIS	5	0.3
117	OTHER MYCOSES	5	0.3
130-136	OTHER INFECTIOUS AND PARASITIC DISEASES	5	0.3
136	OTHER AND UNSPECIFIED INFECTIOUS AND PARASITIC DISEASES	2	0.1
137-139	LATE EFFECTS OF INFECTIOUS AND PARASITIC DISEASES	1	0.1
137	LATE EFFECTS OF TUBERCULOSIS	1	0.1
138	LATE EFFECTS OF ACUTE POLIO MYELITIS	1	0.1
140-239	NEOPLASMS	4,392	228.9
140-208	MALIGNANT NEOPLASMS	4,313	224.8
140-149	MALIGNANT NEOPLASM OF LIP, ORAL CAVITY, AND PHARYNX	56	2.9
141	MALIGNANT NEOPLASM OF TONGUE	10	0.5
142	MALIGNANT NEOPLASM OF MAJOR SALIVARY GLANDS	4	0.2
144	MALIGNANT NEOPLASM OF FLOOR OF MOUTH	2	0.1
145	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF MOUTH	18	0.9
146	MALIGNANT NEOPLASM OF OROPHARYNX	6	0.3
147	MALIGNANT NEOPLASM OF NASOPHARYNX	7	0.4
148	MALIGNANT NEOPLASM OF HYPOPHARYNX	1	0.1
149	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE LIP, ORAL CAVITY AND PHARYNX	8	0.4
150-159	MALIGNANT NEOPLASM OF DIGESTIVE ORGANS AND PERITONEUM	932	48.6
150	MALIGNANT NEOPLASM OF ESOPHAGUS	53	2.8
151	MALIGNANT NEOPLASM OF STOMACH	107	5.6
152	MALIGNANT NEOPLASM OF SMALL INTESTINE, INCLUDING DUODENUM	5	0.3

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Table 32 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
153	MALIGNANT NEOPLASM OF COLON	394	20.5
154	MALIGNANT NEOPLASM OF RECTUM, RECTOSIGMOID JUNCTION, AND ANUS	66	3.4
155	MALIGNANT NEOPLASM OF LIVER AND INTRAHEPATIC BILE DUCTS	46	2.4
156	MALIGNANT NEOPLASM OF GALLBLADDER AND EXTRAHEPATIC BILE DUCTS	41	2.1
157	MALIGNANT NEOPLASM OF PANCREAS	193	10.1
158	MALIGNANT NEOPLASM OF RETROPERITONEUM AND PERITONEUM	5	0.3
159	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES WITHIN THE DIGESTIVE ORGANS AND PERITONEUM	22	1.1
160-165	MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	1,384	72.1
160	MALIGNANT NEOPLASM OF NASAL CAVITIES, MIDDLE EAR, AND ACCESSORY SINUSES	2	0.1
161	MALIGNANT NEOPLASM OF LARYNX	32	1.7
162	MALIGNANT NEOPLASM OF TRACHEA, BRONCHUS, AND LUNG	1,347	70.2
163	MALIGNANT NEOPLASM OF PLEURA	2	0.1
164	MALIGNANT NEOPLASM OF THYMUS, HEART, AND MEDIASTINUM	1	0.1
170-175	MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN, AND BREAST	429	22.4
170	MALIGNANT NEOPLASM OF BONE AND ARTICULAR CARTILAGE	6	0.3
171	MALIGNANT NEOPLASM OF CONNECTIVE AND OTHER SOFT TISSUE	27	1.4
172	MALIGNANT MELANOMA OF SKIN	44	2.3
173	OTHER MALIGNANT NEOPLASM OF SKIN	28	1.5
174	MALIGNANT NEOPLASM OF FEMALE BREAST	324	16.9
179-189	MALIGNANT NEOPLASM OF GENITOURINARY ORGANS	636	33.1
179	MALIGNANT NEOPLASM OF UTERUS, PART UNSPECIFIED	26	1.4
180	MALIGNANT NEOPLASM OF CERVIX UTERI	64	3.3
182	MALIGNANT NEOPLASM OF BODY OF UTERUS	25	1.3
183	MALIGNANT NEOPLASM OF OVARY AND OTHER UTERINE ADNEXA	101	5.3
184	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED FEMALE GENITAL ORGANS	13	0.7
185	MALIGNANT NEOPLASM OF PROSTATE	245	12.8
186	MALIGNANT NEOPLASM OF TESTIS	3	0.2
187	MALIGNANT NEOPLASM OF PENIS AND OTHER MALE GENITAL ORGANS	2	0.1
188	MALIGNANT NEOPLASM OF BLADDER	78	4.1
189	MALIGNANT NEOPLASM OF KIDNEY AND OTHER AND UNSPECIFIED URINARY ORGANS	79	4.1
190-199	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED SITES	495	25.8
190	MALIGNANT NEOPLASM OF EYE	1	0.1
191	MALIGNANT NEOPLASM OF BRAIN	81	4.2
192	MALIGNANT NEOPLASM OF OTHER AND UNSPECIFIED PARTS OF NERVOUS SYSTEM	1	0.1
193	MALIGNANT NEOPLASM OF THYROID GLAND	16	0.8
194	MALIGNANT NEOPLASM OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	3	0.2
195	MALIGNANT NEOPLASM OF OTHER AND ILL-DEFINED SITES	16	0.8
196	SECONDARY AND UNSPECIFIED MALIGNANT NEOPLASM OF LYMPH NODES	1	0.1
199	MALIGNANT NEOPLASM WITHOUT SPECIFICATION OF SITE	376	19.6
200-208	MALIGNANT NEOPLASM OF LYMPHATIC AND HEMATOPOIETIC TISSUE	381	19.9
200	LYMPHOSARCOMA AND RETICULOSARCOMA	26	1.4
201	HODGKIN'S DISEASE	17	0.9
202	OTHER MALIGNANT NEOPLASM OF LYMPHOID AND HISTIOCYTIC TISSUE	103	5.4
203	MULTIPLE MYELOMA AND IMMUNOPROLIFERATIVE NEOPLASMS	72	3.8
204	LYMPHOID LEUKEMIA	51	2.7
205	MYELOID LEUKEMIA	74	3.9
206	MONOCYTIC LEUKEMIA	4	0.2
208	LEUKEMIA OF UNSPECIFIED CELL TYPE	34	1.8
210-229	BENIGN AND UNSPECIFIED NEOPLASMS AND NEOPLASMS OF UNCERTAIN BEHAVIOR	77	4.0
235-239			
210-229	BENIGN NEOPLASMS	16	0.8
211	BENIGN NEOPLASM OF OTHER PARTS OF DIGESTIVE SYSTEM	1	0.1
215	OTHER BENIGN NEOPLASM OF CONNECTIVE AND OTHER SOFT TISSUE	1	0.1
216	BENIGN NEOPLASM OF SKIN	1	0.1
225	BENIGN NEOPLASM OF BRAIN AND OTHER PARTS OF NERVOUS SYSTEM	9	0.5
226	BENIGN NEOPLASM OF THYROID GLAND	1	0.1

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ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
227	BENIGN NEOPLASM OF OTHER ENDOCRINE GLANDS AND RELATED STRUCTURES	1	0.1
228	HEMANGIOMA AND LYMPHANGIOMA, ANY SITE	1	0.1
229	BENIGN NEOPLASM OF OTHER AND UNSPECIFIED SITES	1	0.1
230-234	CARCINOMA IN SITU	2	0.1
233	CARCINOMA IN SITU OF BREAST AND GENITOURINARY SYSTEM	2	0.1
235-238	NEOPLASMS OF UNCERTAIN BEHAVIOR	15	0.8
237	NEOPLASM OF UNCERTAIN BEHAVIOR OF ENDOCRINE GLANDS AND NERVOUS SYSTEM	2	0.1
238	NEOPLASM OF UNCERTAIN BEHAVIOR OF OTHER AND UNSPECIFIED SITES AND TISSUES	13	0.7
239	NEOPLASMS OF UNSPECIFIED NATURE	46	2.4
239	NEOPLASM OF UNSPECIFIED NATURE	46	2.4
240-279	ENDOCRINE, NUTRITIONAL, AND METABOLIC DISEASES AND IMMUNITY DISORDERS	569	29.7
240-246	DISORDERS OF THYROID GLAND	15	0.8
240	SIMPLE AND UNSPECIFIED GOITER	1	0.1
242	THYROTOXICOSIS WITH OR WITHOUT GOITER	4	0.2
244	ACQUIRED HYPOTHYROIDISM	8	0.4
245	THYROIDITIS	2	0.1
250-259	DISEASES OF OTHER ENDOCRINE GLANDS	413	21.5
250	DIABETES MELLITUS	403	21.0
251	OTHER DISORDERS OF PANCREATIC INTERNAL SECRETION	1	0.2
252	DISORDERS OF PARATHYROID GLAND	1	0.1
253	DISORDERS OF THE PITUITARY GLAND AND ITS HYPOTHALAMIC CONTROL	3	0.2
255	DISORDERS OF ADRENAL GLANDS	2	0.1
259	OTHER ENDOCRINE DISORDERS	1	0.1
260-269	NUTRITIONAL DEFICIENCIES	32	1.7
261	NUTRITIONAL MARASMUS	6	0.3
262	OTHER SEVERE PROTEIN-CALORIE MALNUTRITION	1	0.1
263	OTHER AND UNSPECIFIED PROTEIN-CALORIE MALNUTRITION	25	1.3
270-279	OTHER METABOLIC DISORDERS AND IMMUNITY DISORDERS	109	5.7
272	DISORDERS OF LIPOID METABOLISM	8	0.4
273	DISORDERS OF PLASMA PROTEIN METABOLISM	5	0.3
275	DISORDERS OF MINERAL METABOLISM	5	0.3
276	DISORDERS OF FLUID, ELECTROLYTE, AND ACID-BASE BALANCE	53	2.8
277	OTHER AND UNSPECIFIED DISORDERS OF METABOLISM	21	1.1
278	OBESITY AND OTHER HYPERALIMENTATION	12	0.6
279	DISORDERS INVOLVING THE IMMUNE MECHANISM	5	0.3
280-289	DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	87	4.5
280	IRON DEFICIENCY ANEMIAS	1	0.1
281	OTHER DEFICIENCY ANEMIAS	4	0.2
282	HEREDITARY HEMOLYTIC ANEMIAS	8	0.4
283	ACQUIRED HEMOLYTIC ANEMIAS	2	0.1
284	APLASTIC ANEMIA	12	0.6
285	OTHER AND UNSPECIFIED ANEMIAS	20	1.0
286	COAGULATION DEFECTS	15	0.8
287	PURPURA AND OTHER HEMORRHAGIC CONDITIONS	5	0.3
288	DISEASES OF WHITE BLOOD CELLS	8	0.4
289	OTHER DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	12	0.6
290-319	MENTAL DISORDERS	122	6.4
290-294	ORGANIC PSYCHOTIC CONDITIONS	19	1.0
290	SENILE AND PRESENILE ORGANIC PSYCHOTIC CONDITIONS	18	0.9
292	DRUG PSYCHOSES	1	0.1
295-299	OTHER PSYCHOSES	6	0.3
298	OTHER NONORGANIC PSYCHOSES	6	0.3
300-316	NEUROTIC DISORDERS, PERSONALITY DISORDERS, AND OTHER NONPSYCHOTIC MENTAL DISORDERS	92	4.8
303	ALCOHOL DEPENDENCE SYNDROME	28	1.5
305	NONDEPENDENT ABUSE OF DRUGS	13	0.7
307	SPECIAL SYMPTOMS OR SYNDROMES NOT ELSEWHERE CLASSIFIED	1	0.1

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ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
310	SPECIFIC NONPSYCHOTIC MENTAL DISORDERS FOLLOWING ORGANIC BRAIN DAMAGE	49	2.6
311	DEPRESSIVE DISORDER, NOT ELSEWHERE CLASSIFIED	1	0.1
317-319	MENTAL RETARDATION	5	0.3
319	UNSPECIFIED MENTAL RETARDATION	5	0.3
320-389	DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	259	13.5
320-326	INFLAMMATORY DISEASES OF THE CENTRAL NERVOUS SYSTEM	16	0.8
320	BACTERIAL MENINGITIS	9	0.5
322	MENINGITIS OF UNSPECIFIED CAUSE	4	0.2
323	ENCEPHALITIS, MYELITIS, AND ENCEPHALOMYELITIS	1	0.1
324	INTRACRANIAL AND INTRASPINAL ABSCESS	2	0.1
330-337	HEREDITARY AND DEGENERATIVE DISEASES OF THE CENTRAL NERVOUS SYSTEM	150	7.8
331	OTHER CEREBRAL DEGENERATIONS	66	3.4
332	PARKINSON'S DISEASE	44	2.3
333	OTHER EXTRAPYRAMIDAL DISEASE AND ABNORMAL MOVEMENT DISORDERS	2	0.1
334	SPINOCEREBELLAR DISEASE	3	0.2
335	ANTERIOR HORN CELL DISEASE	33	1.7
336	OTHER DISEASES OF SPINAL CORD	2	0.1
340-349	OTHER DISORDERS OF THE CENTRAL NERVOUS SYSTEM	73	3.8
340	MULTIPLE SCLEROSIS	21	1.1
341	OTHER DEMYELINATING DISEASES OF CENTRAL NERVOUS SYSTEM	1	0.1
343	INFANTILE CEREBRAL PALSY	5	0.3
344	OTHER PARALYTIC SYNDROMES	6	0.3
345	EPILEPSY	12	0.6
348	OTHER CONDITIONS OF BRAIN	24	1.3
349	OTHER AND UNSPECIFIED DISORDERS OF THE NERVOUS SYSTEM	4	0.2
350-359	DISORDERS OF THE PERIPHERAL NERVOUS SYSTEM	20	1.0
355	MONONEURITIS OF LOWER LIMB	1	0.1
357	INFLAMMATORY AND TOXIC NEUROPATHY	3	0.2
358	MYONEURAL DISORDERS	7	0.4
359	MUSCULAR DYSTROPHIES AND OTHER MYOPATHIES	9	0.5
390-459	DISEASES OF THE CIRCULATORY SYSTEM	9,612	500.9
390-448	MAJOR CARDIOVASCULAR DISEASE	9,565	498.4
390-398,	DISEASES OF THE HEART	7,704	401.5
402,			
404-429			
390-392	ACUTE RHEUMATIC FEVER	2	0.1
391	RHEUMATIC FEVER WITH HEART INVOLVEMENT	2	0.1
393-398	CHRONIC RHEUMATIC HEART DISEASE	57	3.0
394	DISEASES OF MITRAL VALVE	25	1.3
395	DISEASES OF AORTIC VALVE	3	0.2
396	DISEASES OF MITRAL AND AORTIC VALVES	19	0.8
397	DISEASES OF OTHER ENDOCARDIAL STRUCTURES	4	0.2
398	OTHER RHEUMATIC HEART DISEASE	10	0.5
401-405	HYPERTENSIVE DISEASE	272	14.2
401	ESSENTIAL HYPERTENSION	48	2.5
402	HYPERTENSIVE HEART DISEASE	168	8.8
403	HYPERTENSIVE RENAL DISEASE	30	1.6
404	HYPERTENSIVE HEART AND RENAL DISEASE	26	1.4
410-414	ISCHEMIC HEART DISEASE	4,861	253.3
410	ACUTE MYOCARDIAL INFARCTION	2,580	134.4
411	OTHER ACUTE AND SUBACUTE FORM OF ISCHEMIC HEART DISEASE	10	0.5
412	OLD MYOCARDIAL INFARCTION	20	1.0
413	ANGINA PECTORIS	6	0.3
414	OTHER FORMS OF CHRONIC ISCHEMIC HEART DISEASE	2,245	117.0
415-417	DISEASES OF PULMONARY CIRCULATION	149	7.8
415	ACUTE PULMONARY HEART DISEASE	128	6.7

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Table 32 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
415	CHRONIC PULMONARY HEART DISEASE	20	1.0
417	OTHER DISEASES OF PULMONARY CIRCULATION	1	0.1
420-429	OTHER FORMS OF HEART DISEASE	2,441	127.2
421	ACUTE AND SUBACUTE ENDOCARDITIS	4	0.2
422	ACUTE MYOCARDITIS	7	0.4
423	OTHER DISEASES OF PERICARDIUM	10	0.5
424	OTHER DISEASES OF ENDOCARDIUM	94	4.9
425	CARDIOMYOPATHY	152	7.9
426	CONDUCTION DISORDERS	10	0.5
427	CARDIAC DYSRHYTHMIAS	887	46.2
428	HEART FAILURE	471	24.5
429	ILL-DEFINED DESCRIPTIONS AND COMPLICATIONS OF HEART DISEASE	806	42.0
430-438	CEREBROVASCULAR DISEASE	1,356	70.7
430	SUBARACHNOID HEMORRHAGE	52	2.7
431	INTRACEREBRAL HEMORRHAGE	147	7.7
432	OTHER AND UNSPECIFIED INTRACRANIAL HEMORRHAGE	21	1.1
433	OCCCLUSION AND STENOSIS OF CEREBRAL ARTERIES	9	0.5
434	OCCCLUSION OF CEREBRAL ARTERIES	207	10.8
435	TRANSIENT CEREBRAL ISCHEMIA	2	0.1
436	ACUTE BUT ILL-DEFINED CEREBROVASCULAR DISEASE	808	42.1
437	OTHER AND ILL-DEFINED CEREBROVASCULAR DISEASE	73	3.8
438	LATE EFFECTS OF CEREBROVASCULAR DISEASE	37	1.9
440-448	DISEASES OF ARTERIES, ARTERIOLES AND CAPILLARIES	427	22.3
440	ATHEROSCLEROSIS	208	10.8
441	AORTIC ANEURYSM	148	7.7
442	OTHER ANEURYSM	10	0.5
443	OTHER PERIPHERAL VASCULAR DISEASE	28	1.5
444	ARTERIAL EMBOLISM AND THROMBOSIS	19	1.0
446	POLYARTERITIS NODOSA AND ALLIED CONDITIONS	6	0.3
447	OTHER DISORDERS OF ARTERIES AND ARTERIOLES	7	0.4
448	DISEASES OF CAPILLARIES	1	0.1
451-459	DISEASES OF VEINS AND LYMPHATICS AND OTHER DISEASES OF CIRCULATORY SYSTEM	47	2.4
451	PHLEBITIS AND THROMBOPHLEBITIS	13	0.7
453	OTHER VENOUS EMBOLISM AND THROMBOSIS	1	0.1
454	VARICOSE VEINS OF LOWER EXTREMITIES	3	0.2
456	VARICOSE VEINS OF OTHER SITES	7	0.4
458	HYPOTENSION	7	0.4
459	OTHER DISORDERS OF CIRCULATORY SYSTEM	16	0.8
460-519	DISEASES OF THE RESPIRATORY SYSTEM	1,823	95.0
460-466	ACUTE RESPIRATORY INFECTIONS	4	0.2
466	ACUTE BRONCHITIS AND BRONCHIOLITIS	4	0.2
470-478	OTHER DISEASES OF UPPER RESPIRATORY TRACT	2	0.1
473	CHRONIC SINUSITIS	1	0.1
478	OTHER DISEASES OF UPPER RESPIRATORY TRACT	1	0.1
480-487	PNEUMONIA AND INFLUENZA	655	34.1
480	VIRAL PNEUMONIA	6	0.3
481	PNEUMOCOCCAL PNEUMONIA	23	1.2
482	OTHER BACTERIAL PNEUMONIA	38	2.0
483	PNEUMONIA DUE TO OTHER SPECIFIED ORGANISM	3	0.2
485	BRONCHOPNEUMONIA, ORGANISM UNSPECIFIED	54	2.8
486	PNEUMONIA, ORGANISM UNSPECIFIED	528	27.5
487	INFLUENZA	3	0.2
490-496	CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	878	45.8
490	BRONCHITIS, NOT SPECIFIED AS ACUTE OR CHRONIC	6	0.3
491	CHRONIC BRONCHITIS	62	3.2
492	EMPHYSEMA	128	6.7

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ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
493	ASTHMA	28	1.5
494	BRONCHIECTASIS	7	0.4
496	CHRONIC AIRWAYS OBSTRUCTION, NOT ELSEWHERE CLASSIFIED	647	33.7
500-508	PNEUMOCONIOSES AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENTS	142	7.4
500	COAL WORKERS' PNEUMOCONIOSIS	82	4.3
501	ASBESTOSIS	2	0.1
505	PNEUMOCONIOSIS, UNSPECIFIED	4	0.2
507	PNEUMONITIS DUE TO SOLIDS AND LIQUIDS	54	2.8
510-519	OTHER DISEASES OF RESPIRATORY SYSTEM	142	7.4
510	EMPHYEMA	2	0.1
511	PLEURISY	10	0.5
512	PNEUMOTHORAX	2	0.1
513	ABSCESS OF LUNG AND MEDIASTINUM	8	0.4
514	PULMONARY CONGESTION AND HYPOSTASIS	7	0.4
515	POSTINFLAMMATORY PULMONARY FIBROSIS	38	2.0
516	OTHER ALVEOLAR AND PARIETALALVEOLAR PNEUMOPATHY	7	0.4
518	OTHER DISEASES OF LUNG	58	3.0
519	OTHER DISEASES OF RESPIRATORY SYSTEM	10	0.5
520-579	DISEASES OF THE DIGESTIVE SYSTEM	656	34.2
520-529	DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	1	0.1
528	DISEASES OF THE ORAL SOFT TISSUES, EXCLUDING LESIONS SPECIFIC FOR GINGIVA AND TONGUE	1	0.1
530-537	DISEASES OF ESOPHAGUS, STOMACH, AND DUODENUM	72	3.8
530	DISEASES OF ESOPHAGUS	15	0.8
531	GASTRIC ULCER	19	1.0
532	DUODENAL ULCER	10	0.5
533	PEPTIC ULCER, SITE UNSPECIFIED	14	0.7
534	GASTROJEJUNAL ULCER	1	0.1
535	GASTRITIS AND DUODENITIS	5	0.3
536	DISORDERS OF FUNCTION OF STOMACH	1	0.1
537	OTHER DISORDERS OF STOMACH AND DUODENUM	7	0.4
540-543	APPENDICITIS	4	0.2
540	ACUTE APPENDICITIS	3	0.2
541	APPENDICITIS, UNQUALIFIED	1	0.1
550-553	HERNIA OF ABDOMINAL CAVITY	16	0.8
550	INGUINAL HERNIA	4	0.2
552	OTHER HERNIA OF ABDOMINAL CAVITY WITH OBSTRUCTION, WITHOUT MENTION OF GANGRENE	4	0.2
553	OTHER HERNIA OF ABDOMINAL CAVITY WITHOUT MENTION OF OBSTRUCTION OR GANGRENE	8	0.4
555-558	NONINFECTIOUS ENTERITIS AND COLITIS	71	3.7
556	IDIOPATHIC PROCTOCOLITIS	1	0.1
557	VASCULAR INSUFFICIENCY OF INTESTINE	62	3.2
558	OTHER NONINFECTIVE GASTROENTERITIS AND COLITIS	8	0.4
560-569	OTHER DISEASES OF INTESTINES AND PERITONEUM	94	4.9
560	INTESTINAL OBSTRUCTION WITHOUT MENTION OF HERNIA	41	2.1
562	DIVERTICULA OF INTESTINE	23	1.2
564	FUNCTIONAL DIGESTIVE DISORDERS, NOT ELSEWHERE CLASSIFIED	1	0.1
567	PERITONITIS	14	0.7
568	OTHER DISORDERS OF PERITONEUM	2	0.1
569	OTHER DISORDERS OF INTESTINE	13	0.7
570-579	OTHER DISEASES OF DIGESTIVE SYSTEM	392	20.7
570	ACUTE AND SUBACUTE NECROSIS OF LIVER	4	0.2
571	CHRONIC LIVER DISEASE AND CIRRHOSIS	206	10.7
572	LIVER ABSCESS AND SEQUELAE OF CHRONIC LIVER DISEASE	50	2.6
573	OTHER DISORDERS OF LIVER	10	0.5
574	CHOLELITHIASIS	8	0.4
575	OTHER DISORDERS OF GALLBLADDER	18	0.9
576	OTHER DISORDERS OF BILIARY TRACT	13	0.7

WEST VIRGINIA RESIDENT DEATHS 1986
Causes of Death: Number and Rate
Table 32 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
577	DISEASES OF PANCREAS	23	1.2
578	GASTROINTESTINAL HEMORRHAGE	65	3.4
579	INTESTINAL MALABSORPTION	1	0.1
580-589	NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	217	11.3
581	NEPHROTIC SYNDROME	1	0.1
582	CHRONIC GLOMERULONEPHRITIS	1	0.1
583	NEPHRITIS AND NEPHROPATHY, NOT SPECIFIED AS ACUTE OR CHRONIC	6	0.3
584	ACUTE RENAL FAILURE	48	2.5
585	CHRONIC RENAL FAILURE	47	2.4
586	RENAL FAILURE, UNSPECIFIED	114	5.9
590-599	OTHER DISEASES OF URINARY SYSTEM	147	7.7
590	INFECTIONS OF KIDNEY	15	0.8
591	HYDRONEPHROSIS	1	0.1
592	CALCULUS OF KIDNEY AND URETER	3	0.2
593	OTHER DISORDERS OF KIDNEY AND URETER	33	1.7
594	CALCULUS OF LOWER URINARY TRACT	1	0.1
598	URETHRAL STRICTURE	2	0.1
599	OTHER DISORDERS OF URETHRA AND URINARY TRACT	92	4.8
600-608	DISEASES OF MALE GENITAL ORGANS	4	0.2
600	HYPERPLASIA OF PROSTATE	1	0.1
602	OTHER DISORDERS OF PROSTATE	3	0.2
614-616	INFLAMMATORY DISEASE OF FEMALE PELVIC ORGANS	2	0.1
614	INFLAMMATORY DISEASE OF OVARY, FALLOPIAN TUBE, PELVIC CELLULAR TISSUE, AND PERITONEUM	2	0.1
617-629	OTHER DISORDERS OF FEMALE GENITAL TRACT	2	0.1
619	FISTULAE INVOLVING FEMALE GENITAL TRACT	2	0.1
630-676*	COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM	1	4.3
630-639	PREGNANCY WITH ABORTIVE OUTCOME	1	0.1
633	ECTOPIC PREGNANCY	1	0.1
680-709	DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	21	1.1
680-686	INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	3	0.2
682	OTHER CELLULITIS AND ABSCESS	2	0.1
686	OTHER LOCAL INFECTIONS OF SKIN AND SUBCUTANEOUS TISSUE	1	0.1
690-698	OTHER INFLAMMATORY CONDITIONS OF SKIN AND SUBCUTANEOUS TISSUE	3	0.2
694	BULLOUS DERMATOSES	3	0.2
700-709	OTHER DISEASES OF SKIN AND SUBCUTANEOUS TISSUE	15	0.8
707	CHRONIC ULCER OF SKIN	15	0.8
710-719	ARTHROPATHIES AND RELATED DISORDERS	30	1.6
710	DIFFUSE DISEASES OF CONNECTIVE TISSUE	12	0.6
714	RHEUMATOID ARTHRITIS AND OTHER INFLAMMATORY POLYARTHROPATHIES	11	0.6
715	OSTEOARTHRITIS AND ALLIED DISORDERS	6	0.3
716	OTHER AND UNSPECIFIED ARTHROPATHIES	1	0.1
720-724	DORSOPATHIES	1	0.1
720	ANKYLOSING SPONDYLITIS AND OTHER INFLAMMATORY SPONDYLOPATHIES	1	0.1
730-739	OSTEOPATHIES, CHONDROPATHIES, AND ACQUIRED MUSCULOSKELETAL DEFORMITIES	9	0.5
730	OSTEOMYELITIS, PERIOSTITIS, AND OTHER INFECTIONS INVOLVING BONE	4	0.2
731	OSTEITIS DEFORMANS AND OSTEOPATHIES ASSOCIATED WITH OTHER DISORDERS CLASSIFIED ELSEWHERE	1	0.1
732	OSTEOCHONDROPATHIES	1	0.1
733	OTHER DISORDERS OF BONE AND CARTILAGE	2	0.1
737	CURVATURE OF SPINE	1	0.1
740-759	CONGENITAL ANOMALIES	84	4.4
740-759	CONGENITAL ANOMALIES	84	4.4
740	ANENCEPHALUS AND SIMILAR ANOMALIES	1	0.1
741	SPINA BIFIDA	3	0.2
742	OTHER CONGENITAL ANOMALIES OF NERVOUS SYSTEM	6	0.3
745	BULBUS CORDIS ANOMALIES AND ANOMALIES OF CARDIAC SEPTAL CLOSURE	14	0.7

* MATERNAL DEATH RATES ARE PER 100,000 LIVE BIRTHS.

WEST VIRGINIA RESIDENT DEATHS 1986

Causes of Death: Number and Rate

Table 32 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
746	OTHER CONGENITAL ANOMALIES OF HEART	19	1.0
747	OTHER CONGENITAL ANOMALIES OF CIRCULATORY SYSTEM	9	0.5
748	CONGENITAL ANOMALIES OF RESPIRATORY SYSTEM	7	0.4
749	CLEFT PALATE AND CLEFT LIP	1	0.1
750	OTHER CONGENITAL ANOMALIES OF UPPER ALIMENTARY TRACT	1	0.1
751	OTHER CONGENITAL ANOMALIES OF DIGESTIVE SYSTEM	2	0.1
753	CONGENITAL ANOMALIES OF URINARY SYSTEM	4	0.2
755	OTHER CONGENITAL ANOMALIES OF LIMBS	1	0.1
756	OTHER CONGENITAL MUSCULOSKELETAL ANOMALIES	1	0.1
758	CHROMOSOMAL ANOMALIES	7	0.4
759	OTHER AND UNSPECIFIED CONGENITAL ANOMALIES	8	0.4
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	105	5.5
760-779	CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	105	5.5
760	FETUS OR NEWBORN AFFECTED BY MATERNAL CONDITIONS WHICH MAY BE UNRELATED TO PRESENT PREGNANCY	2	0.1
761	FETUS OR NEWBORN AFFECTED BY MATERNAL COMPLICATIONS OF PREGNANCY	10	0.5
762	FETUS OR NEWBORN AFFECTED BY COMPLICATIONS OF PLACENTA, CORD, AND MEMBRANES	5	0.3
765	DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	25	1.3
767	BIRTH TRAUMA	3	0.2
768	INTRAUTERINE HYPOXIA AND BIRTH ASPHYXIA	5	0.3
769	RESPIRATORY DISTRESS SYNDROME	22	1.1
770	OTHER RESPIRATORY CONDITIONS OF FETUS AND NEWBORN	19	1.0
771	INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	6	0.3
772	FETAL AND NEONATAL HEMORRHAGE	1	0.1
779	OTHER AND ILL-DEFINED CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	7	0.4
780-799	SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	148	7.7
780-789	SYMPTOMS	18	0.9
780	GENERAL SYMPTOMS	4	0.2
783	SYMPTOMS CONCERNING NUTRITION, METABOLISM AND DEVELOPMENT	1	0.1
784	SYMPTOMS INVOLVING HEAD AND NECK	1	0.1
785	SYMPTOMS INVOLVING CARDIOVASCULAR SYSTEM	9	0.5
786	SYMPTOMS INVOLVING RESPIRATORY SYSTEM AND OTHER CHEST SYMPTOMS	3	0.2
797-799	ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	130	6.8
797	SENILITY WITHOUT MENTION OF PSYCHOSIS	14	0.7
798	SUDDEN DEATH, CAUSE UNKNOWN	45	2.3
799	OTHER ILL-DEFINED AND UNKNOWN CAUSES OF MORBIDITY AND MORTALITY	71	3.7
E800-999*	EXTERNAL CAUSES OF INJURY AND POISONING	1,313	68.4
E800-949	ACCIDENTS, ALL FORMS	893	46.5
E800-807	RAILWAY ACCIDENTS	5	0.3
E805	HIT BY ROLLING STOCK	5	0.3
E810-825	MOTOR VEHICLE ACCIDENTS	445	23.2
E810-819	MOTOR VEHICLE TRAFFIC ACCIDENTS	438	22.8
E810	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH TRAIN	6	0.3
E812	OTHER MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH ANOTHER MOTOR VEHICLE	118	6.1
E813	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH OTHER VEHICLE	2	0.1
E814	MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION WITH PEDESTRIAN	37	1.9
E815	OTHER MOTOR VEHICLE TRAFFIC ACCIDENT INVOLVING COLLISION ON THE HIGHWAY	39	2.0
E816	MOTOR VEHICLE TRAFFIC ACCIDENT DUE TO LOSS OF CONTROL, WITHOUT COLLISION ON THE HIGHWAY	67	3.5
E818	OTHER NONCOLLISION MOTOR VEHICLE TRAFFIC ACCIDENT	12	0.6
E819	MOTOR VEHICLE TRAFFIC ACCIDENT OF UNSPECIFIED NATURE	157	8.2
E820-825	MOTOR VEHICLE NONTRAFFIC ACCIDENTS	7	0.4
E821	NONTRAFFIC ACCIDENT INVOLVING OTHER OFF-ROAD MOTOR VEHICLE	3	0.2
E822	OTHER MOTOR VEHICLE NONTRAFFIC ACCIDENT INVOLVING COLLISION WITH MOVING OBJECT	1	0.1
E823	OTHER MOTOR VEHICLE NONTRAFFIC ACCIDENT INVOLVING COLLISION WITH STATIONARY OBJECT	1	0.1
E825	OTHER MOTOR VEHICLE NONTRAFFIC ACCIDENT OF OTHER AND UNSPECIFIED NATURE	2	0.1

* CAUSES 800 THROUGH 999 HAVE BEEN CODED USING E (EXTERNAL) ICDA 9 CODES.

WEST VIRGINIA RESIDENT DEATHS 1986
Causes of Death: Number and Rate
Table 32 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
E826-829	OTHER ROAD VEHICLE ACCIDENTS	1	0.1
E828	ACCIDENT INVOLVING ANIMAL BEING RIDDEN	1	0.1
E830-838	WATER TRANSPORT ACCIDENTS	7	0.4
E830	ACCIDENT TO WATERCRAFT CAUSING SUBMERSION	4	0.2
E832	OTHER ACCIDENTAL SUBMERSION OR DROWNING IN WATER TRANSPORT ACCIDENT	3	0.2
E840-845	AIR AND SPACE TRANSPORT ACCIDENTS	2	0.1
E841	ACCIDENT TO POWERED AIRCRAFT, OTHER AND UNSPECIFIED	2	0.1
E850-949	NONMOTOR VEHICLE ACCIDENTS	433	22.6
E850-858	ACCIDENTAL POISONING BY DRUGS, MEDICAMENTS, AND BIOLOGICALS	19	1.0
E850	ACCIDENTAL POISONING BY ANALGESICS, ANTIPYRETICS, ANTIRHEUMATICS	6	0.3
E851	ACCIDENTAL POISONING BY BARBITURATES	2	0.1
E855	ACCIDENTAL POISONING BY OTHER DRUGS ACTING ON CENTRAL AND AUTONOMIC NERVOUS SYSTEMS	1	0.1
E858	ACCIDENTAL POISONING BY OTHER DRUGS	10	0.5
E860-869	ACCIDENTAL POISONING BY OTHER SOLID AND LIQUID SUBSTANCES, GASES, AND VAPORS	12	0.6
E860	ACCIDENTAL POISONING BY ALCOHOL, NOT ELSEWHERE CLASSIFIED	1	0.1
E868	ACCIDENTAL POISONING BY OTHER UTILITY GAS AND OTHER CARBON MONOXIDE	11	0.6
E870-876	MISADVENTURES TO PATIENTS DURING SURGICAL AND MEDICAL CARE	6	0.3
E870	ACCIDENTAL CUT, PUNCTURE, PERFORATION OR HEMORRHAGE DURING MEDICAL CARE	1	0.1
E875	CONTAMINATED OR INFECTED BLOOD, OTHER FLUID, DRUG OR BIOLOGICAL SUBSTANCE	1	0.1
E876	OTHER AND UNSPECIFIED MISADVENTURES DURING MEDICAL CARE	4	0.2
E878-879	SURGICAL AND MEDICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT OR LATER COMPLICATION, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE	29	1.5
E878	SURGICAL OPERATION AND OTHER SURGICAL PROCEDURES AS THE CAUSE OF ABNORMAL REACTION OF PATIENT, OR OF LATER COMPLICATION, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF OPERATION	21	1.1
E879	OTHER PROCEDURES, WITHOUT MENTION OF MISADVENTURE AT THE TIME OF PROCEDURE, AS THE CAUSE OF ABNORMAL REACTION OF PATIENT, OR OF LATER COMPLICATION	8	0.4
E880-888	ACCIDENTAL FALLS	109	5.7
E880	FALL ON OR FROM STAIRS OR STEPS	8	0.4
E881	FALL ON OR FROM LADDERS OR SCAFFOLDING	1	0.1
E882	FALL FROM OR OUT OF BUILDING OR OTHER STRUCTURE	3	0.2
E884	OTHER FALL FROM ONE LEVEL TO ANOTHER	14	0.7
E885	FALL ON SAME LEVEL FROM SLIPPING, TRIPPING, OR STUMBLING	3	0.2
E887	FRACTURE, CAUSE UNSPECIFIED	31	1.6
E888	OTHER AND UNSPECIFIED FALL	49	2.6
E890-899	ACCIDENTS CAUSED BY FIRE AND FLAMES	51	2.7
E890	CONFLAGRATION IN PRIVATE DWELLING	45	2.3
E893	ACCIDENT CAUSED BY IGNITION OF CLOTHING	3	0.2
E895	ACCIDENT CAUSED BY CONTROLLED FIRE IN PRIVATE DWELLING	1	0.1
E898	ACCIDENT CAUSED BY OTHER SPECIFIED FIRE AND FLAMES	1	0.1
E899	ACCIDENT CAUSED BY UNSPECIFIED FIRE	1	0.1
E900-909	ACCIDENTS DUE TO NATURAL AND ENVIRONMENTAL FACTORS	18	0.9
E900	EXCESSIVE HEAT	4	0.2
E901	EXCESSIVE COLD	9	0.5
E904	HUNGER, THIRST, EXPOSURE, NEGLECT	1	0.1
E905	VENOMOUS ANIMALS AND PLANTS AS THE CAUSE OF POISONING AND TOXIC REACTIONS	3	0.2
E909	CATAclysmic EARTH SURFACE MOVEMENTS AND ERUPTIONS	1	0.1
E910-915	ACCIDENTS CAUSED BY SUBMERSION, SUFFOCATION, AND FOREIGN BODIES	101	5.3
E910	ACCIDENTAL DROWNING AND SUBMERSION	49	2.6
E911	INHALATION AND INGESTION OF FOOD CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	23	1.2
E912	INHALATION AND INGESTION OF OTHER OBJECT CAUSING OBSTRUCTION OF RESPIRATORY TRACT OR SUFFOCATION	19	1.0
E913	ACCIDENTAL MECHANICAL SUFFOCATION	10	0.5
E916-928	OTHER ACCIDENTS	83	4.3
E916	STRUCK ACCIDENTALLY BY FALLING OBJECT	21	1.1
E919	ACCIDENTS CAUSED BY MACHINERY	8	0.4
E920	ACCIDENTS CAUSED BY CUTTING AND PIERCING INSTRUMENTS OR OBJECTS	2	0.1

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Table 32 (cont'd)

ICDA 9 CODE NUMBER	CAUSE OF DEATH	NUMBER OF DEATHS	RATE
E921	ACCIDENT CAUSED BY EXPLOSION OF PRESSURE VESSEL	1	0.1
E922	ACCIDENT CAUSED BY FIREARM MISSILE	17	0.9
E923	ACCIDENT CAUSED BY EXPLOSIVE MATERIAL	3	0.2
E924	ACCIDENT CAUSED BY HOT SUBSTANCE OR OBJECT, CAUSTIC OR CORROSIVE MATERIAL AND STEAM	3	0.2
E925	ACCIDENT CAUSED BY ELECTRIC CURRENT	17	0.9
E928	OTHER AND UNSPECIFIED ENVIRONMENTAL AND ACCIDENTAL CAUSES	11	0.6
E929	LATE EFFECTS OF ACCIDENTAL INJURY	5	0.3
E929	LATE EFFECTS OF ACCIDENTAL INJURY	5	0.3
E950-959	SUICIDE AND SELF-INFLICTED INJURY	270	14.1
E950	SUICIDE AND SELF-INFLICTED POISONING BY SOLID OR LIQUID SUBSTANCES	14	0.7
E952	SUICIDE AND SELF-INFLICTED POISONING BY OTHER GASES AND VAPORS	13	0.7
E953	SUICIDE AND SELF-INFLICTED INJURY BY HANGING, STRANGULATION, AND SUFFOCATION	25	1.3
E954	SUICIDE AND SELF-INFLICTED INJURY BY SUBMERSION (DROWNING)	2	0.1
E955	SUICIDE AND SELF-INFLICTED INJURY BY FIREARMS AND EXPLOSIVES	206	10.7
E956	SUICIDE AND SELF-INFLICTED INJURY BY CUTTING AND PIERCING INSTRUMENTS	3	0.2
E957	SUICIDE AND SELF-INFLICTED INJURIES BY JUMPING FROM HIGH PLACE	4	0.2
E958	SUICIDE AND SELF-INFLICTED INJURY BY OTHER AND UNSPECIFIED MEANS	3	0.2
E960-969	HOMICIDE AND INJURY PURPOSELY INFLICTED BY OTHER PERSONS	121	6.3
E962	ASSAULT BY POISONING	1	0.1
E963	ASSAULT BY HANGING AND STRANGULATION	4	0.2
E965	ASSAULT BY FIREARMS AND EXPLOSIVES	78	4.1
E966	ASSAULT BY CUTTING AND PIERCING INSTRUMENTS	20	1.0
E967	CHILD BATTERING AND OTHER MALTREATMENT	3	0.2
E968	ASSAULT BY OTHER AND UNSPECIFIED MEANS	15	0.8
E970-978	LEGAL INTERVENTION	2	0.1
E970	INJURY DUE TO LEGAL INTERVENTION BY FIREARMS	2	0.1
E980-989	INJURY UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	27	1.4
E980	POISONING BY SOLID OR LIQUID SUBSTANCES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	11	0.6
E982	POISONING BY OTHER GASES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	1	0.1
E984	SUBMERSION (DROWNING), UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	7	0.4
E985	INJURY BY FIREARMS AND EXPLOSIVES, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	4	0.2
E987	FALLING FROM HIGH PLACE, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	1	0.1
E988	INJURY BY OTHER AND UNSPECIFIED MEANS, UNDETERMINED WHETHER ACCIDENTALLY OR PURPOSELY INFLICTED	3	0.2

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by Region
Table 33

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY REGION											
	REGION 1		REGION 2		REGION 3		REGION 4		REGION 5		REGION 6	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	22	7.3	27	7.9	34	8.8	16	9.7	12	5.4	20	6.3
TOTAL DEATHS, ALL CAUSES	2,810	10.7	2,960	10.5	3,054	9.9	1,627	11.3	1,757	9.9	2,772	10.2
DEATHS UNDER 1 YEAR	35	11.6	33	9.6	28	7.2	21	12.7	20	9.0	44	13.8
DEATHS UNDER 28 DAYS	24	8.0	21	6.1	15	3.9	10	6.0	11	4.9	38	11.9
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	1	0.6	0	0.0
TUBERCULOSIS	4	1.5	8	2.8	2	0.6	1	0.7	1	0.6	1	0.4
SEPTICEMIA	31	11.8	22	7.8	34	11.0	8	5.6	11	6.2	36	13.3
MALIGNANT NEOPLASMS	573	219.0	663	234.6	705	229.1	329	228.9	375	212.0	591	217.8
--OF DIGESTIVE ORGANS AND PERITONEUM	135	51.6	141	49.9	137	44.5	74	51.5	81	45.8	130	47.9
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	192	73.4	229	81.0	245	79.6	102	71.0	109	61.6	165	60.6
--OF GENITOURINARY ORGANS	87	33.2	92	32.6	93	30.2	54	37.8	56	31.7	86	31.7
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	10	3.8	12	4.2	12	3.9	9	6.3	1	0.6	14	5.2
DIABETES MELLITUS	70	26.7	55	19.5	71	23.1	39	27.1	32	18.1	55	20.3
NUTRITIONAL DEFICIENCIES	2	0.8	8	2.1	5	1.6	4	2.8	6	3.4	2	0.7
ANEMIAS	6	2.3	6	2.1	9	2.9	2	1.4	6	3.4	5	1.8
MAJOR CARDIOVASCULAR DISEASES	1,360	496.8	1,388	496.0	1,443	469.0	757	526.8	888	502.0	1,325	488.2
DISEASES OF THE HEART	1,086	415.7	1,121	400.2	1,175	381.9	586	407.8	686	387.8	1,021	376.2
HYPERTENSION	11	4.2	11	3.9	15	4.9	9	6.3	6	3.4	11	4.1
CEREBROVASCULAR DISEASES	167	63.8	204	72.2	192	62.4	122	84.9	156	88.2	192	70.7
ARTERIOSCLEROSIS	12	4.6	25	8.8	21	6.8	20	13.9	23	13.0	57	21.0
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	22	8.4	25	8.8	40	13.0	20	13.9	17	9.6	44	16.2
PNEUMONIA AND INFLUENZA	79	37.8	100	35.4	72	23.4	69	48.0	63	35.6	89	32.8
PNEUMONIA	90	37.8	100	35.4	72	23.4	69	48.0	63	35.6	88	32.4
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.4
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	160	41.1	143	57.7	124	40.3	75	52.2	63	35.6	121	46.6
BRONCHITIS, EMPHYSEMA, AND ASTHMA	31	11.8	60	21.2	34	11.0	11	7.7	15	8.5	31	11.4
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	52	19.9	14	5.0	12	3.9	20	13.9	5	2.8	20	7.4
COAL WORKER'S PNEUMOCONIOSIS	64	24.8	10	3.5	7	2.3	15	10.4	0	0.0	5	1.8
ULCER OF STOMACH AND DUODENUM	7	2.7	1	0.4	4	1.3	6	4.2	8	4.5	4	1.5
HEPNA AND INTESTINAL OBSTRUCTION	0	0.0	10	3.5	7	2.3	5	3.5	4	2.3	10	3.7
CHRONIC LIVER DISEASE AND CIRRHOSIS	27	10.3	22	8.8	30	9.7	18	10.4	19	10.7	26	9.6
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	10	3.8	1	0.4	2	0.6	1	0.7	1	0.6	5	1.8
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	18	6.1	30	10.6	35	11.4	19	13.2	30	17.0	33	12.2
INFECTIONS OF KIDNEY	2	0.8	3	1.1	1	0.3	4	2.8	2	1.1	1	0.4
CONGENITAL ANOMALIES	11	4.2	14	5.0	14	4.5	6	4.2	6	3.4	12	4.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	17	6.5	11	3.9	10	3.2	8	5.6	8	4.5	27	9.9
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	4	1.5	4	1.4	4	1.3	1	0.7	3	1.7	7	2.6
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	5	1.9	2	0.7	1	0.3	4	2.8	1	0.6	9	3.3
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	16	6.1	22	7.8	22	7.1	20	13.9	26	14.7	13	4.8
ACCIDENTS, ALL FORMS	155	59.2	141	49.9	153	49.2	78	54.3	65	36.7	111	40.9
MOTOR VEHICLE ACCIDENTS	68	26.0	74	26.9	58	18.8	37	25.7	32	18.1	59	21.4
HOME ACCIDENTS	43	16.4	24	8.5	22	7.1	11	7.7	10	5.7	18	6.6
WORK ACCIDENTS	13	5.0	8	2.8	6	1.9	9	6.3	5	2.7	11	4.1
SUICIDE	48	18.3	35	12.4	46	14.9	27	18.8	26	14.7	35	12.9
HOMICIDE	25	9.6	23	8.1	24	7.6	11	7.7	4	2.3	13	4.8
ALL OTHER CAUSES (RESIDUAL)	149	64.6	197	69.7	237	77.0	114	79.3	106	59.9	223	82.2

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by Region
Table 33 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY REGION											
	REGION 7		REGION 8		REGION 9		REGION 10		REGION 11		TOTAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	16	10.6	7	8.3	9	6.4	9	6.2	2	3.2	174	7.5
TOTAL DEATHS, ALL CAUSES	1,225	10.2	708	9.9	927	9.7	1,318	11.1	701	10.1	19,859	10.3
DEATHS UNDER 1 YEAR	14	9.3	8	9.5	14	10.0	13	9.0	7	11.4	237	10.2
DEATHS UNDER 28 DAYS	6	4.0	4	4.7	11	7.8	9	6.2	4	6.5	153	6.6
INTESTINAL INFECTIOUS DISEASES	0	0.0	1	1.4	1	1.0	0	0.0	0	0.0	3	0.2
TUBERCULOSIS	0	0.0	0	0.0	2	2.1	0	0.0	0	0.0	19	1.0
SEPTICEMIA	12	10.0	5	7.0	8	8.4	11	9.3	7	10.1	185	9.6
MALIGNANT NEOPLASMS	279	232.7	148	207.0	195	204.4	295	248.1	160	231.5	4,313	224.8
--OF DIGESTIVE ORGANS AND PERITONEUM	69	57.5	28	39.2	35	36.7	73	61.4	29	42.0	932	48.6
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	91	75.9	52	72.7	59	61.8	90	75.7	50	72.4	1,384	72.1
--OF GENITOURINARY ORGANS	49	40.9	19	26.6	35	36.7	43	36.2	22	31.8	636	33.1
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	7	5.8	4	5.6	1	1.0	4	3.4	5	7.2	79	4.1
DIABETES MELLITUS	20	16.7	18	25.2	11	11.5	22	18.5	10	14.5	403	21.0
NUTRITIONAL DEFICIENCIES	2	1.7	4	5.6	0	0.0	1	0.8	0	0.0	32	1.7
ANEMIAS	6	5.3	1	1.4	3	3.1	4	3.4	1	1.4	47	2.4
MAJOR CARDIOVASCULAR DISEASES	393	495.2	370	517.5	462	484.3	685	576.1	344	497.8	9,565	498.4
DISEASES OF THE HEART	439	362.8	320	447.6	404	423.5	553	465.1	281	406.7	7,704	401.5
HYPERTENSION	5	4.2	2	2.8	4	4.2	2	1.7	2	2.9	78	4.1
CEREBROVASCULAR DISEASES	105	87.6	36	50.3	39	40.9	90	75.7	53	76.7	1,356	70.7
ARTERIOSCLEROSIS	9	7.5	8	11.2	7	7.3	22	18.5	4	5.8	208	10.8
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	17	14.2	4	5.6	8	8.4	18	15.1	4	5.8	219	11.4
PNEUMONIA AND INFLUENZA	29	24.2	26	36.4	41	43.0	48	40.4	19	27.5	655	34.1
PNEUMONIA	29	24.2	26	36.4	39	40.9	48	40.4	19	27.5	652	34.0
INFLUENZA	0	0.0	0	0.0	2	2.1	0	0.0	0	0.0	3	0.2
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	54	45.0	15	21.0	18	18.9	56	47.1	29	42.0	878	45.8
BRONCHITIS, EMPHYSEMA, AND ASTHMA	16	13.3	4	5.6	5	5.2	14	11.8	3	4.3	224	11.7
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	8	6.7	6	8.4	1	1.0	2	1.7	2	2.9	142	7.4
COAL WORKER'S PNEUMOCONIOSIS	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0	82	4.3
ULCER OF STOMACH AND DUODENUM	3	2.5	1	1.4	3	3.1	3	2.5	1	1.4	43	2.2
HERNIA AND INTESTINAL OBSTRUCTION	1	0.8	4	5.6	5	5.2	10	8.4	1	1.4	57	3.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	12	10.0	8	11.2	14	14.7	12	10.1	18	26.0	206	10.7
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	2	1.7	2	2.8	1	1.0	1	0.8	0	0.0	26	1.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	16	13.3	7	9.6	9	9.4	12	10.1	10	14.5	217	11.3
INFECTIONS OF KIDNEY	1	0.8	1	1.4	0	0.0	0	0.0	0	0.0	15	0.8
CONGENITAL ANOMALIES	6	5.0	6	8.4	2	2.1	4	3.4	3	4.3	84	4.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	5	4.2	1	1.4	8	8.4	7	5.9	3	4.3	105	5.5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	0.8	0	0.0	4	4.2	0	0.0	2	2.9	30	1.6
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	2	1.7	1	1.4	0	0.0	0	0.0	0	0.0	25	1.3
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	7	5.8	4	5.6	4	4.2	4	3.4	10	14.5	148	7.7
ACCIDENTS, ALL FORMS	48	40.0	39	54.5	60	62.9	40	33.6	23	33.3	893	46.5
MOTOR VEHICLE ACCIDENTS	29	24.2	25	35.0	41	43.0	12	10.1	9	13.0	445	23.2
HOME ACCIDENTS	11	9.3	4	5.6	4	4.2	10	8.4	7	10.1	164	8.5
WORK ACCIDENTS	6	5.0	1	1.4	2	2.1	2	1.7	0	0.0	59	3.1
SUICIDE	16	13.3	3	4.2	13	13.6	14	11.8	7	10.1	270	14.1
HOMICIDE	3	2.5	2	2.8	8	8.4	7	5.9	1	1.4	121	6.3
ALL OTHER CAUSES (RESIDUAL)	95	79.2	32	44.8	57	59.7	76	63.9	47	68.0	1,353	70.5

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by County
Table 34

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	BARBOUR		BERKELEY		BOONE		BRAXTON		BROOKE		CABELL		CALHOUN	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	4	18.6	4	5.1	3	8.0	4	22.2	1	4.0	7	5.8	2	15.5
TOTAL DEATHS, ALL CAUSES	161	9.8	504	9.8	283	9.5	164	11.2	321	10.9	1,209	11.5	84	10.2
DEATHS UNDER 1 YEAR	1	4.7	4	5.1	4	10.7	1	5.6	4	16.2	18	15.0	1	7.8
DEATHS UNDER 28 DAYS	0	0.0	2	2.5	1	2.7	0	0.0	2	8.1	14	11.6	0	0.0
INTESTINAL INFECTIOUS DISEASES	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	2	3.9	1	3.3	0	0.0	0	0.0	3	2.9	0	0.0
SEPTICEMIA	1	6.1	3	5.8	2	6.7	0	0.0	4	13.6	9	8.6	1	12.2
MALIGNANT NEOPLASMS	38	230.3	98	190.3	60	200.7	39	267.1	64	223.7	254	242.6	18	219.5
--OF DIGESTIVE ORGANS AND PERITONEUM	8	48.5	18	35.0	13	50.2	7	68.5	7	23.7	64	61.1	3	36.6
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	14	84.8	22	42.7	19	63.5	11	75.3	13	61.0	71	67.8	5	61.0
--OF GENITOURINARY ORGANS	8	48.5	18	35.0	8	26.8	8	54.8	12	40.7	36	34.4	6	73.2
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	3	10.0	1	6.8	1	3.4	4	3.8	0	0.0
DIABETES MELLITUS	0	0.0	7	13.6	9	30.1	3	20.5	4	13.6	24	22.9	2	24.4
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	2.9	0	0.0
ANEMIAS	0	0.0	2	3.9	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0
MAJOR CARDIOVASCULAR DISEASES	79	478.2	272	523.2	124	414.7	80	547.9	170	576.3	592	565.4	41	500.0
DISEASES OF THE HEART	58	351.5	235	462.1	98	327.8	53	431.5	143	484.7	460	439.4	32	390.2
HYPERTENSION	0	0.0	2	6.7	2	6.7	0	0.0	0	0.0	3	2.9	0	0.0
CEREBROVASCULAR DISEASES	16	97.0	21	40.8	17	56.9	15	102.7	25	84.7	99	94.6	9	109.8
ARTERIOSCLEROSIS	0	0.0	6	11.7	2	6.7	1	6.8	1	3.4	14	13.4	0	0.0
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	5	30.3	5	9.7	5	16.7	0	0.0	1	3.4	16	15.3	0	0.0
PNEUMONIA AND INFLUENZA	5	30.3	16	31.1	4	13.4	2	13.7	8	27.1	47	44.9	4	48.8
PNEUMONIA	5	30.3	15	29.1	4	13.4	2	13.7	8	27.1	47	44.9	4	48.8
INFLUENZA	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	10	60.6	9	17.5	19	63.5	8	54.8	20	67.8	64	61.1	8	97.6
BRONCHITIS, EMPHYSEMA, AND ASTHMA	3	18.2	3	5.8	6	20.1	4	27.4	1	3.4	35	33.4	3	36.6
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	6.1	1	1.9	3	10.0	0	0.0	2	6.8	2	1.9	0	0.0
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	3	10.0	0	0.0	0	0.0	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	1	6.1	1	1.9	0	0.0	1	6.8	0	0.0	1	2.9	1	12.2
HERNIA AND INTESTINAL OBSTRUCTION	3	18.2	3	5.8	0	0.0	0	0.0	1	3.4	7	6.7	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	4	24.2	13	25.2	1	3.3	2	13.7	9	30.5	7	6.7	1	12.2
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	1	1.9	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	3	5.8	3	10.0	1	6.8	1	3.4	9	8.6	0	0.0
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	1	6.8	0	0.0	2	1.9	0	0.0
CONGENITAL ANOMALIES	0	0.0	0	0.0	2	6.7	1	6.8	1	3.4	7	6.7	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	3	5.8	1	3.3	0	0.0	1	3.4	9	8.6	0	0.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	2	3.9	0	0.0	0	0.0	1	3.4	4	3.8	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	3	5.8	6	20.1	0	0.0	4	13.6	6	5.7	1	12.2
ACCIDENTS, ALL FORMS	6	36.4	30	59.3	16	53.5	11	75.3	7	23.7	46	43.9	1	12.2
MOTOR VEHICLE ACCIDENTS	6	36.4	22	42.7	6	20.1	6	41.1	2	6.8	16	15.3	0	0.0
HOME ACCIDENTS	1	6.1	1	1.9	2	6.7	5	34.2	2	6.8	12	11.5	0	0.0
WORK ACCIDENTS	1	6.1	1	1.9	1	3.3	0	0.0	0	0.0	4	3.8	0	0.0
SUICIDE	2	12.1	7	13.6	2	6.7	3	20.5	1	3.4	15	14.3	0	0.0
HOMICIDE	1	6.1	4	7.8	2	6.7	0	0.0	0	0.0	8	7.8	0	0.0
ALL OTHER CAUSES (RESIDUAL)	13	78.8	25	48.5	25	83.6	13	75.3	21	71.2	86	82.1	6	73.2

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by County
Table 34 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	CLAY		DODDRIDGE		FAYETTE		GILMER		GRANT		GREENBRIER		HAMPSHIRE	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	4	21.2	0	0.0	6	9.9	2	20.6	0	0.0	4	9.5	0	0.0
TOTAL DEATHS, ALL CAUSES	95	8.3	84	10.9	693	12.5	62	7.3	95	9.8	429	11.2	151	9.3
DEATHS UNDER 1 YEAR	1	5.5	0	0.0	5	8.2	1	10.3	2	15.7	3	7.1	0	0.0
DEATHS UNDER 28 DAYS	0	0.0	0	0.0	3	4.9	0	0.0	1	7.9	1	2.4	0	0.0
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	1	1.8	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	0	0.0	1	13.0	2	3.6	2	23.5	2	20.6	3	7.8	1	6.2
MALIGNANT NEOPLASMS	193	193.0	19	246.8	147	264.9	17	200.0	13	154.0	91	237.0	31	191.4
--OF DIGESTIVE ORGANS AND PERITONEUM	26	26.3	4	51.9	27	48.6	5	58.8	1	10.3	23	59.9	5	30.9
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	70	70.2	1	13.0	50	90.1	6	70.6	7	72.2	26	67.7	16	98.8
--OF GENITOURINARY ORGANS	4	35.1	7	90.9	22	39.6	3	35.3	1	10.3	14	36.5	3	18.5
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	1	13.0	1	1.8	0	0.0	1	10.3	3	7.8	2	12.3
DIABETES MELLITUS	0	0.0	2	26.0	18	32.4	0	0.0	2	20.6	7	18.2	1	6.2
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	3	5.4	0	0.0	0	0.0	0	0.0	1	6.2
ANEMIAS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	6.2
MAJOR CARDIOVASCULAR DISEASES	47	412.3	41	532.5	318	573.0	29	341.2	47	484.5	199	518.2	80	493.8
DISEASES OF THE HEART	36	315.8	31	402.6	259	468.7	20	235.5	38	391.8	136	354.2	69	425.9
HYPERTENSION	0	0.0	0	0.0	3	5.4	1	11.8	1	10.3	3	7.8	0	0.0
CEREBROVASCULAR DISEASES	0	0.0	0	0.0	46	82.9	7	82.4	6	61.9	39	101.6	9	55.6
ARTERIOSCLEROSIS	1	8.8	1	13.0	3	5.4	0	0.0	2	20.6	11	28.6	1	6.2
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	0	0.0	1	13.0	7	12.6	1	11.8	0	0.0	10	26.0	1	6.2
PNEUMONIA AND INFLUENZA	1	8.8	4	51.9	23	41.4	1	11.8	4	41.2	20	52.1	8	49.4
PNEUMONIA	0	0.0	4	51.9	23	41.4	1	11.8	4	41.2	20	52.1	8	49.4
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	4	35.1	4	51.9	31	55.9	2	23.5	4	41.2	20	52.1	4	24.7
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	8.8	0	0.0	4	7.2	0	0.0	1	10.3	1	2.6	0	0.0
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	0	0.0	15	27.0	0	0.0	2	20.6	1	2.6	2	12.3
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	11	19.8	0	0.0	0	0.0	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	1	13.0	5	9.0	0	0.0	1	10.3	1	2.6	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	1	13.0	3	5.4	0	0.0	2	20.6	1	2.6	1	6.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	8.8	0	0.0	10	18.0	0	0.0	1	10.3	4	10.4	2	12.3
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	1	13.0	1	1.8	0	0.0	0	0.0	0	0.0	1	6.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	0	0.0	7	12.6	1	11.8	1	10.3	7	18.2	0	0.0
INFECTIONS OF KIDNEY	0	0.0	0	0.0	1	1.8	0	0.0	0	0.0	0	0.0	0	0.0
CONGENITAL ANOMALIES	0	0.0	0	0.0	2	3.6	0	0.0	1	10.3	3	7.8	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	0	0.0	2	3.6	0	0.0	1	10.3	1	2.6	0	0.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	2	3.6	0	0.0	1	10.3	1	2.6	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	0	0.0	2	3.6	1	11.8	1	10.3	11	28.6	0	0.0
ACCIDENTS, ALL FORMS	4	35.1	1	13.0	31	55.9	2	23.5	6	61.9	19	49.5	5	30.9
MOTOR VEHICLE ACCIDENTS	3	26.3	1	13.0	11	19.8	1	11.8	4	41.2	8	20.8	5	30.9
HOME ACCIDENTS	1	8.8	0	0.0	5	9.0	0	0.0	1	10.3	5	13.0	0	0.0
WORK ACCIDENTS	0	0.0	0	0.0	5	9.0	0	0.0	0	0.0	1	2.6	0	0.0
SUICIDE	0	0.0	2	26.0	12	21.8	1	11.8	0	0.0	4	10.4	1	6.2
HOMICIDE	1	8.8	0	0.0	6	10.8	0	0.0	0	0.0	5	13.0	1	6.2
ALL OTHER CAUSES (RESIDUAL)	11	95.5	6	77.9	52	93.7	5	58.8	6	61.9	22	75.5	9	55.6

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by County
Table 34 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	HANCOCK		HARDY		HARRISON		JACKSON		JEFFERSON		KANAWHA		LEWIS	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	1	2.7	0	0.0	7	7.1	1	2.9	3	5.9	23	8.5	3	12.9
TOTAL DEATHS, ALL CAUSES	380	9.6	127	12.7	893	11.9	213	8.1	297	8.8	2,409	10.7	229	12.2
DEATHS UNDER 1 YEAR	3	8.1	0	0.0	15	15.1	3	8.6	9	17.6	19	7.0	5	21.5
DEATHS UNDER 28 DAYS	2	5.4	0	0.0	14	14.1	2	5.7	8	15.7	11	4.0	1	4.3
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	1	0.4	0	0.0
SEPTICEMIA	3	7.6	1	10.0	9	12.0	1	3.8	2	5.9	23	10.3	2	10.7
MALIGNANT NEOPLASMS	94	237.4	36	360.0	200	265.0	49	186.3	71	210.1	562	250.8	55	294.1
--OF DIGESTIVE ORGANS AND PERITONEUM	22	55.6	12	120.0	52	69.1	7	26.6	12	35.5	102	45.5	12	64.2
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	32	80.8	7	70.0	59	78.5	18	68.4	31	91.7	197	87.9	19	101.6
--OF GENITOURINARY ORGANS	10	25.3	5	50.0	24	31.9	9	34.2	8	23.7	77	34.4	10	53.5
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	4	10.1	0	0.0	3	4.0	0	0.0	1	3.0	9	4.0	1	5.3
DIABETES MELLITUS	6	15.2	3	30.0	20	26.6	2	7.6	2	5.9	56	25.0	4	21.4
NUTRITIONAL DEFICIENCIES	0	0.0	1	10.0	1	1.3	0	0.0	0	0.0	3	1.3	0	0.0
ANEMIAS	1	2.5	0	0.0	1	1.3	0	0.0	1	3.0	8	3.6	1	5.3
MAJOR CARDIOVASCULAR DISEASES	174	439.4	58	580.0	434	577.1	109	414.4	132	390.5	1,151	513.6	98	524.1
DISEASES OF THE HEART	138	348.5	52	520.0	333	442.8	80	304.2	113	334.3	941	419.9	76	406.4
HYPERTENSION	2	5.1	0	0.0	6	8.0	3	11.4	1	3.0	13	5.8	0	0.0
CEREBROVASCULAR DISEASES	28	70.7	5	50.0	70	93.1	20	76.0	15	44.4	153	65.3	19	101.6
ARTERIOSCLEROSIS	3	7.6	1	10.0	18	23.9	4	15.2	1	3.0	17	7.6	0	0.0
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	3	7.6	0	0.0	7	9.3	2	7.6	2	5.9	27	12.0	3	16.0
PNEUMONIA AND INFLUENZA	11	27.8	2	20.0	25	33.2	3	11.4	17	50.3	60	26.8	7	37.4
PNEUMONIA	11	27.8	2	20.0	25	33.2	3	11.4	17	50.3	60	26.8	7	37.4
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	9	22.7	2	20.0	41	54.5	7	26.6	7	20.7	87	38.8	11	58.8
BRONCHITIS, EMPHYSEMA, AND ASTHMA	2	5.1	0	0.0	12	16.0	0	0.0	2	5.9	23	10.3	2	10.7
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	0	0.0	4	5.3	0	0.0	0	0.0	8	3.6	4	21.4
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	3	1.3	0	0.0
ULCER OF STOMACH AND DUODENUM	1	2.5	0	0.0	2	2.7	1	3.8	2	5.9	4	1.8	1	5.3
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	1	1.3	1	3.8	1	3.0	7	3.1	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	9	22.7	2	20.0	7	9.3	1	3.8	1	3.0	27	12.0	1	5.3
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	2	2.7	0	0.0	0	0.0	2	0.9	0	0.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	9	22.7	3	30.0	8	10.6	16	60.8	3	8.9	28	12.5	4	21.4
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	0.4	0	0.0
CONGENITAL ANOMALIES	2	5.1	0	0.0	4	5.3	1	3.8	2	5.9	10	4.5	3	16.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2	5.1	0	0.0	11	14.6	1	3.8	5	14.8	9	4.0	1	5.3
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	1	2.5	0	0.0	1	1.3	0	0.0	2	5.9	4	1.8	1	5.3
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	6	8.0	0	0.0	0	0.0	1	0.4	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	6	15.2	0	0.0	4	5.3	0	0.0	0	0.0	14	6.2	2	10.7
ACCIDENTS, ALL FORMS	16	40.4	11	110.0	25	33.2	13	49.4	22	65.1	98	43.7	15	80.2
MOTOR VEHICLE ACCIDENTS	7	17.7	8	80.0	13	17.3	6	22.8	15	38.5	43	19.2	7	37.4
HOME ACCIDENTS	5	12.6	1	10.0	4	5.3	2	7.6	2	5.9	18	8.0	4	21.4
WORK ACCIDENTS	0	0.0	1	10.0	2	2.7	1	3.8	0	0.0	5	2.2	2	10.7
SUICIDE	6	15.2	2	20.0	8	10.6	0	0.0	4	11.8	38	17.0	3	16.0
HOMICIDE	1	2.5	0	0.0	3	4.0	0	0.0	3	8.9	20	8.9	0	0.0
ALL OTHER CAUSES (RESIDUAL)	26	65.7	6	60.0	79	105.1	8	30.4	21	62.1	183	81.7	16	83.6

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by County
Table 34 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	LINCOLN		LOGAN		MCDOWELL		MARION		MARSHALL		MASON		MERCER	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	2	6.9	4	6.9	2	3.2	5	7.7	4	8.5	1	3.5	10	12.6
TOTAL DEATHS, ALL CAUSES	180	8.9	481	9.7	485	10.7	709	11.1	390	9.9	284	11.0	777	11.0
DEATHS UNDER 1 YEAR	0	0.0	3	5.2	7	11.3	10	15.4	3	6.4	2	7.0	11	13.9
DEATHS UNDER 28 DAYS	0	0.0	1	1.7	7	11.3	9	13.8	2	4.2	1	3.5	6	7.6
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	1	4.7	1	2.0	1	2.2	0	0.0	0	0.0	2	7.7	0	0.0
SEPTICEMIA	0	0.0	7	14.1	10	22.1	7	10.9	0	0.0	0	0.0	8	11.3
MALIGNANT NEOPLASMS	38	180.1	124	250.5	102	225.2	149	232.4	94	239.8	59	227.8	167	235.2
--OF DIGESTIVE ORGANS AND PERITONEUM	5	23.7	26	52.5	20	44.2	32	49.9	22	56.1	14	54.1	33	46.5
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	12	58.9	57	115.2	34	75.1	44	68.6	35	89.3	14	54.1	53	74.8
--OF GENITOURINARY ORGANS	8	37.9	14	28.3	21	46.4	16	25.0	7	17.9	13	50.2	22	31.0
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	3	6.1	1	2.2	7	10.9	2	5.1	4	15.4	2	2.8
DIABETES MELLITUS	4	19.0	10	20.2	11	24.3	10	15.6	13	33.2	2	7.7	19	26.8
NUTRITIONAL DEFICIENCIES	1	4.7	0	0.0	1	2.2	0	0.0	0	0.0	0	0.0	0	0.0
ANEMIAS	0	0.0	1	2.0	2	4.4	2	3.1	2	5.1	2	7.7	0	0.0
MAJOR CARDIOVASCULAR DISEASES	38	180.1	195	393.9	194	428.3	347	561.3	200	510.2	148	571.4	360	507.8
DISEASES OF THE HEART	78	369.7	169	341.4	167	368.7	282	437.9	166	423.5	123	474.9	295	416.1
HYPERTENSION	2	9.5	1	2.0	0	0.0	2	3.1	0	0.0	2	7.7	7	9.9
CEREBROVASCULAR DISEASES	11	52.1	22	44.4	22	48.6	40	62.4	24	61.2	20	77.2	47	66.3
ARTERIOSCLEROSIS	4	19.0	1	2.0	2	4.4	5	7.8	5	12.8	2	7.7	3	4.2
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	4.7	2	4.0	3	6.6	18	28.1	5	12.8	1	3.9	8	11.3
PNEUMONIA AND INFLUENZA	6	28.4	14	28.3	16	35.3	16	25.0	11	28.1	13	50.2	32	45.1
PNEUMONIA	6	28.4	14	28.3	16	35.3	16	25.0	11	28.1	13	50.2	32	45.1
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	10	47.4	22	44.4	27	59.6	32	49.9	21	53.6	11	42.5	45	63.5
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	4.7	3	6.1	7	15.5	9	14.0	4	10.2	5	19.3	14	19.7
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	2	9.5	5	10.1	19	41.9	7	10.9	0	0.0	0	0.0	4	5.6
- COAL WORKER'S PNEUMOCONIOSIS	0	0.0	5	10.1	17	37.5	1	1.6	0	0.0	0	0.0	3	4.2
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	2	2.8
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	1	2.0	0	0.0	3	4.7	3	7.7	0	0.0	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	4.7	8	16.2	3	6.6	9	14.0	3	7.7	1	3.9	12	16.9
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	2	4.4	0	0.0	0	0.0	0	0.0	2	2.8
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	7	14.1	4	8.8	6	9.4	5	12.8	4	15.4	4	5.6
INFECTIONS OF KIDNEY	0	0.0	1	2.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CONGENITAL ANOMALIES	0	0.0	0	0.0	3	6.6	3	4.7	1	2.6	1	3.9	3	4.2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	1	2.0	4	8.8	6	9.4	0	0.0	0	0.0	5	7.1
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	3	6.6	1	1.6	0	0.0	0	0.0	3	4.2
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	1	2.0	2	4.4	2	3.1	0	0.0	0	0.0	1	1.4
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	5	10.1	3	6.6	3	4.7	0	0.0	2	7.7	3	4.2
ACCIDENTS, ALL FORMS	8	37.9	35	70.7	28	61.8	27	42.1	10	25.5	10	38.6	41	57.8
MOTOR VEHICLE ACCIDENTS	7	33.2	19	38.4	11	24.3	13	20.3	3	7.7	6	23.2	17	24.0
HOME ACCIDENTS	0	0.0	4	8.1	10	22.1	4	6.2	4	10.2	2	7.7	13	18.3
WORK ACCIDENTS	0	0.0	2	4.0	4	8.8	4	6.2	0	0.0	0	0.0	3	4.2
SUICIDE	6	28.4	4	8.1	13	28.7	11	17.2	5	12.8	2	7.7	12	16.9
HOMICIDE	1	4.7	9	18.2	7	15.5	6	9.4	5	12.8	1	3.9	5	7.1
ALL OTHER CAUSES (RESIDUAL)	14	66.4	28	56.6	34	72.1	57	88.9	15	38.3	22	84.9	51	71.9

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by County
Table 34 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	MINERAL		MINGO		MONONGALIA		MONROE		MORGAN		NICHOLAS		OHIO	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	4	13.2	10	18.3	4	4.5	2	12.9	2	18.0	3	7.9	3	4.5
TOTAL DEATHS, ALL CAUSES	265	9.6	388	10.5	613	7.9	145	11.9	126	12.5	240	8.5	706	12.2
DEATHS UNDER 1 YEAR	2	6.6	6	11.0	11	12.4	4	25.8	1	9.0	9	23.6	8	11.9
DEATHS UNDER 28 DAYS	2	6.6	4	7.3	9	10.1	3	19.4	1	9.0	3	7.9	6	8.9
INTESTINAL INFECTIOUS DISEASES	1	3.6	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	1	2.7	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	1	3.6	4	10.9	15	19.3	1	8.2	3	29.7	1	3.5	9	15.5
MALIGNANT NEOPLASMS	57	209.8	80	217.4	111	142.9	29	237.7	26	257.4	37	130.3	160	275.9
--OF DIGESTIVE ORGANS AND PERITONEUM	10	36.1	15	40.8	22	28.3	7	57.4	5	49.5	13	45.8	43	74.1
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	19	68.6	33	89.7	32	41.2	9	73.8	6	59.4	11	38.7	40	69.0
--OF GENITOURINARY ORGANS	7	25.3	5	13.6	15	19.3	4	32.8	9	89.1	5	17.6	27	46.6
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	1	3.6	1	2.7	2	2.6	0	0.0	0	0.0	2	7.0	0	0.0
DIABETES MELLITUS	10	36.1	9	24.5	12	15.4	5	41.0	2	19.8	6	21.1	6	10.3
NUTRITIONAL DEFICIENCIES	2	7.2	2	5.4	0	0.0	0	0.0	0	0.0	1	3.5	1	1.7
ANEMIAS	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	0	0.0	1	1.7
MAJOR CARDIOVASCULAR DISEASES	148	534.3	169	459.2	292	375.8	62	508.2	58	574.3	114	401.4	371	639.7
DISEASES OF THE HEART	127	458.5	143	388.6	209	269.0	49	401.6	53	524.8	87	306.3	297	512.1
HYPERTENSION	1	3.6	2	5.4	2	2.6	0	0.0	1	9.9	0	0.0	2	3.4
CEREBROVASCULAR DISEASES	14	50.5	21	57.1	47	60.5	11	90.2	3	29.7	23	81.0	48	82.8
ARTERIOSCLEROSIS	4	14.4	1	2.7	23	29.6	2	16.4	0	0.0	3	10.6	13	22.4
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	2	7.2	2	5.4	11	14.2	0	0.0	1	9.9	1	3.5	11	19.0
PNEUMONIA AND INFLUENZA	7	25.3	9	24.5	25	32.2	4	32.8	8	79.2	12	42.3	21	36.2
PNEUMONIA	7	25.3	9	24.5	25	32.2	4	32.8	7	69.3	12	42.3	21	36.2
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	1	9.9	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	4	14.4	39	106.0	22	28.3	10	82.0	2	19.8	10	35.2	30	51.7
BRONCHITIS, EMPHYSEMA, AND ASTHMA	2	7.2	11	29.9	4	5.1	1	8.2	0	0.0	3	10.6	9	15.5
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	2	7.2	4	10.9	5	6.4	2	16.4	3	0.0	1	3.5	0	0.0
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	4	10.9	2	2.6	1	8.2	0	0.0	1	3.5	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	5.2
HERNIA AND INTESTINAL OBSTRUCTION	1	3.6	0	0.0	2	2.6	0	0.0	1	9.9	1	3.5	5	8.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	2	7.2	3	8.2	5	6.4	0	0.0	0	0.0	1	3.5	6	10.3
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	0	0.0	1	1.7
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	3	10.8	6	16.3	10	12.9	1	8.2	3	29.7	2	7.0	6	10.3
INFECTIONS OF KIDNEY	0	0.0	0	0.0	1	1.3	0	0.0	0	0.0	3	10.6	0	0.0
CONGENITAL ANOMALIES	2	7.2	4	10.9	3	3.9	1	8.2	0	0.0	1	3.5	2	3.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	1	2.7	5	6.4	3	24.6	0	0.0	3	10.6	6	10.3
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	2	2.6	0	0.0	0	0.0	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	1	8.2	0	0.0	1	3.5	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	5	13.6	3	3.9	3	24.6	1	9.9	5	17.6	2	3.4
ACCIDENTS, ALL FORMS	15	54.2	22	59.8	34	43.8	13	106.6	8	79.2	19	66.9	20	34.5
MOTOR VEHICLE ACCIDENTS	7	25.3	14	38.0	17	21.9	5	41.0	6	59.4	12	42.3	7	12.1
HOME ACCIDENTS	2	7.2	2	5.4	6	7.7	4	32.8	1	9.9	1	3.5	5	8.6
WORK ACCIDENTS	0	0.0	2	5.4	3	3.9	1	8.2	1	9.9	2	7.0	1	1.7
SUICIDE	0	0.0	5	13.6	9	11.6	2	16.4	2	19.8	7	24.6	7	12.1
HOMICIDE	1	3.6	3	8.2	1	1.3	0	0.0	1	9.9	0	0.0	2	3.4
ALL OTHER CAUSES (RESIDUAL)	8	28.9	21	57.1	54	69.2	9	73.8	11	108.9	14	49.3	47	81.0

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by County
Table 34 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	FENDLETON		PLEASANTS		POCAHONTAS		PRESTON		PUTNAM		RALEIGH		RANDOLPH	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	5	27.5	1	12.8	1	10.0	2	5.1	4	6.9	4	4.4	2	5.7
TOTAL DEATHS, ALL CAUSES	70	8.9	70	8.6	137	14.4	293	9.6	267	6.3	927	11.0	293	10.4
DEATHS UNDER 1 YEAR	4	36.7	1	12.8	1	10.0	6	15.3	4	6.9	11	12.0	4	11.4
DEATHS UNDER 28 DAYS	1	9.2	1	12.8	1	10.0	5	12.8	3	5.2	6	6.6	4	11.4
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	3.6	0	0.0
SEPTICEMIA	0	0.0	0	0.0	2	21.1	3	9.9	9	21.3	9	10.7	5	17.7
MALIGNANT NEOPLASMS	11	139.2	12	148.1	29	305.3	55	190.8	61	144.2	164	155.8	51	180.2
--OF DIGESTIVE ORGANS AND PERITONEUM	0	0.0	2	24.7	6	63.2	11	36.2	17	40.2	47	55.8	14	49.5
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	3	38.0	3	37.0	8	86.2	17	55.9	21	49.6	62	73.6	15	53.0
--OF GENITOURINARY ORGANS	3	38.0	3	37.0	7	78.7	11	36.2	4	9.5	23	27.3	9	31.8
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED ORIGIN	0	0.0	0	0.0	2	21.1	0	0.0	0	0.0	6	7.1	3	10.6
DIABETES MELLITUS	7	25.3	0	0.0	0	0.0	10	32.9	4	9.5	24	25.5	8	28.3
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	0	0.0	0	0.0	1	2.4	0	0.0	1	3.5
ANEMIAS	0	0.0	0	0.0	0	0.0	1	3.3	0	0.0	3	3.6	2	7.1
MAJOR CARDIOVASCULAR DISEASES	17	468.4	16	444.4	62	652.6	131	430.9	121	286.1	462	548.7	155	547.7
DISEASES OF THE HEART	16	430.4	24	296.3	54	568.4	102	335.5	100	236.4	389	462.0	119	420.5
HYPERTENSION	0	0.0	0	0.0	0	0.0	1	3.3	0	0.0	2	2.4	3	10.6
CEREBROVASCULAR DISEASES	2	25.3	10	123.5	5	52.6	15	49.3	13	30.7	41	72.4	26	91.3
ARTERIOSCLEROSIS	0	0.0	1	12.8	1	10.0	8	26.3	1	2.4	4	4.8	3	10.6
OTHER DISEASES OF ARTERIES, VEINS, AND CAPILLARIES	1	12.7	1	12.8	2	21.1	5	16.4	7	16.5	6	7.1	4	14.1
PNEUMONIA AND INFLUENZA	5	63.3	2	24.7	8	84.2	15	49.3	7	16.5	26	30.9	4	14.1
PNEUMONIA	5	63.3	2	24.7	8	84.2	14	46.1	7	16.5	26	30.9	4	14.1
INFLUENZA	0	0.0	0	0.0	0	0.0	1	3.3	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	1	12.7	2	24.7	6	63.2	15	49.3	14	33.1	53	62.9	11	38.9
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	12.7	0	0.0	1	10.0	4	13.2	4	9.5	7	8.3	4	14.1
PNEUMOCONIOSIS AND OTHER LUNG DISORDERS DUE TO EXTERNAL AGENT	0	0.0	0	0.0	0	0.0	4	13.2	1	2.4	21	24.9	3	10.6
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	1	3.3	1	2.4	18	21.4	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	4.8	1	3.5
HEPATIC AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	12.7	2	24.7	0	0.0	3	9.9	1	2.4	8	9.5	1	3.5
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	1	12.7	0	0.0	0	0.0	1	3.3	0	0.0	5	5.9	1	3.5
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	0	0.0	3	31.6	8	26.3	4	9.5	4	4.8	7	24.7
INFECTIONS OF KIDNEY	1	12.7	1	12.8	0	0.0	0	0.0	0	0.0	2	2.4	0	0.0
CONGENITAL ANOMALIES	3	38.0	0	0.0	0	0.0	1	3.3	2	4.7	3	3.6	2	7.1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	1	12.8	0	0.0	3	9.9	0	0.0	4	4.8	3	10.6
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	1	12.8	0	0.0	1	3.3	0	0.0	1	1.2	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	1	3.3	0	0.0	1	1.2	2	7.1
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	3	38.0	4	49.4	2	21.1	1	3.3	2	4.7	6	7.1	3	10.6
ACCIDENTS, ALL FORMS	2	25.3	1	12.8	3	31.6	14	46.1	15	35.5	40	47.5	4	14.1
MOTOR VEHICLE ACCIDENTS	1	12.7	1	12.8	3	31.6	9	29.6	6	14.2	17	20.2	4	14.1
HOME ACCIDENTS	0	0.0	0	0.0	0	0.0	2	6.6	1	2.4	10	11.9	0	0.0
WORK ACCIDENTS	0	0.0	0	0.0	1	10.0	1	3.3	0	0.0	1	1.2	0	0.0
SUICIDE	0	0.0	2	24.7	1	10.0	2	6.6	6	14.2	16	19.0	2	7.1
HOMICIDE	0	0.0	3	37.0	0	0.0	3	9.9	1	2.4	11	13.1	1	3.5
ALL OTHER CAUSES (RESIDUAL)	3	38.0	4	49.4	12	126.3	16	52.2	18	42.6	53	62.9	25	86.3

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by County
Table 34 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	RITCHIE		ROANE		SUMMERS		TAYLOR		TUCKER		TYLER		UPSHUR	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	0	0.0	2	10.5	3	20.1	2	10.4	0	0.0	1	6.8	1	2.9
TOTAL DEATHS, ALL CAUSES	136	12.1	166	10.7	181	12.6	180	11.0	91	10.6	116	10.5	225	9.1
DEATHS UNDER 1 YEAR	1	8.3	3	15.8	1	6.7	2	10.4	0	0.0	0	0.0	2	5.9
DEATHS UNDER 28 DAYS	1	8.3	1	5.3	1	6.7	1	5.2	0	0.0	0	0.0	1	2.9
INTESTINAL INFECTIOUS DISEASES	0	0.0	1	6.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	4	35.7	1	6.5	1	6.9	1	6.1	0	0.0	0	0.0	2	8.1
MALIGNANT NEOPLASMS	32	285.7	30	193.5	43	298.6	54	331.3	21	244.2	18	163.6	58	234.8
--OF DIGESTIVE ORGANS AND PERITONEUM	11	98.2	9	58.1	11	76.4	9	55.2	7	81.4	3	27.3	11	52.6
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	3	44.6	5	32.3	9	62.5	12	73.8	3	34.9	6	54.5	23	93.1
--OF GENITOURINARY ORGANS	6	53.6	2	12.9	4	27.8	13	79.8	4	46.5	1	9.1	7	28.3
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	0	0.0	1	6.9	1	6.1	1	11.6	0	0.0	1	4.0
DIABETES MELLITUS	2	17.9	3	19.4	6	41.7	1	6.1	1	11.6	2	18.2	3	12.1
NUTRITIONAL DEFICIENCIES	3	26.8	0	0.0	0	0.0	1	6.1	0	0.0	0	0.0	1	4.0
ANEMIAS	0	0.0	2	12.9	1	6.9	0	0.0	0	0.0	0	0.0	0	0.0
MAJOR CARDIOVASCULAR DISEASES	69	616.1	93	600.0	79	543.6	80	490.8	41	476.7	67	609.1	113	457.5
DISEASES OF THE HEART	57	508.9	66	425.8	68	472.2	84	512.5	28	325.6	54	490.7	95	384.4
HYPERTENSION	0	0.0	1	6.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CEREBROVASCULAR DISEASES	7	62.5	22	141.9	8	55.6	12	73.8	3	34.9	12	109.1	14	56.7
ARTERIOSCLEROSIS	4	35.7	3	19.4	1	6.9	2	12.3	3	34.9	0	0.0	2	8.1
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	1	8.9	1	6.5	2	13.9	2	12.3	2	23.3	1	9.1	2	8.1
PNEUMONIA AND INFLUENZA	8	71.4	4	25.8	8	55.6	4	24.5	4	46.5	6	54.5	6	24.3
PNEUMONIA	8	71.4	4	25.8	8	55.6	4	24.5	4	46.5	6	54.5	6	24.3
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	2	17.9	3	19.4	11	76.4	7	42.9	6	69.8	4	36.4	6	24.3
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	8.9	1	6.5	1	6.9	2	12.3	3	34.9	1	9.1	0	0.0
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	2	12.9	1	6.9	0	0.0	0	0.0	0	0.0	0	0.0
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	1	8.9	1	6.5	1	6.9	0	0.0	0	0.0	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	2	17.9	0	0.0	0	0.0	1	6.1	0	0.0	0	0.0	0	0.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	0	0.0	0	0.0	2	13.9	2	12.3	2	23.3	0	0.0	2	8.1
CHOLLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	1	6.9	0	0.0	0	0.0	0	0.0	1	4.0
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	1	8.9	2	12.9	3	20.8	1	6.1	2	23.3	1	9.1	1	4.0
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CONGENITAL ANOMALIES	1	8.9	1	6.5	0	0.0	1	6.1	0	0.0	0	0.0	0	0.0
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	0	0.0	0	0.0	2	12.3	0	0.0	0	0.0	1	4.0
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	0	0.0	2	12.3	0	0.0	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	2	17.9	2	12.9	1	6.9	2	12.3	0	0.0	1	9.1	1	4.0
ACCIDENTS, ALL FORMS	2	17.9	8	51.6	7	48.6	10	61.3	4	46.5	8	72.7	6	24.3
MOTOR VEHICLE ACCIDENTS	1	8.9	6	38.7	4	27.8	5	30.7	3	34.9	3	27.3	5	20.2
HOME ACCIDENTS	0	0.0	2	12.9	1	6.9	2	12.3	1	11.6	1	9.1	0	0.0
WORK ACCIDENTS	0	0.0	0	0.0	0	0.0	1	6.1	0	0.0	1	9.1	1	4.0
SUICIDE	1	8.9	4	25.8	1	6.9	3	18.4	0	0.0	1	9.1	5	20.2
HOMICIDE	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	4.0
ALL OTHER CAUSES (RESIDUAL)	6	53.6	7	43.1	13	90.3	9	55.2	9	104.7	7	63.6	16	64.8

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by County
Table 34 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE BY COUNTY													
	WAYNE		WEBSTER		WETZEL		WIRT		WOOD		WYOMING		TOTAL	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	3	5.7	2	14.1	2	6.7	0	0.0	5	4.4	1	2.6	174	7.5
TOTAL DEATHS, ALL CAUSES	410	9.2	128	10.8	222	10.2	52	11.3	920	10.0	295	8.5	9,859	10.3
DEATHS UNDER 1 YEAR	4	7.6	3	21.1	2	6.7	0	0.0	11	9.7	1	2.6	237	10.2
DEATHS UNDER 28 DAYS	1	1.9	2	14.1	1	3.3	0	0.0	6	5.3	1	2.6	153	6.6
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.2
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0	19	1.0
SEPTICEMIA	2	4.5	0	0.0	2	9.2	0	0.0	4	4.3	2	5.8	185	9.6
MALIGNANT NEOPLASMS	108	242.2	25	210.1	41	188.9	13	282.6	203	220.7	68	196.0	4,313	224.8
--OF DIGESTIVE ORGANS AND PERITONEUM	17	38.1	5	42.0	8	36.9	2	43.5	44	47.8	17	49.0	932	48.6
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	42	94.2	7	58.8	15	69.1	4	87.0	63	68.5	25	72.0	1,384	72.1
--OF GENITOURINARY ORGANS	16	35.9	6	50.4	9	41.5	1	21.7	28	30.4	13	37.5	636	33.1
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	0	0.0	1	8.4	2	9.2	0	0.0	1	1.1	0	0.0	79	4.1
DIABETES MELLITUS	6	13.5	3	25.2	3	13.8	0	0.0	21	22.8	5	14.4	403	21.0
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	0	0.0	1	21.7	2	2.2	1	2.9	32	1.7
ANEMIAS	2	4.5	2	16.8	1	4.6	0	0.0	4	4.3	0	0.0	67	2.4
MAJOR CARDIOVASCULAR DISEASES	194	439.5	64	537.8	114	525.3	23	500.0	450	489.1	143	412.1	9,565	498.4
DISEASES OF THE HEART	158	354.3	50	420.2	90	414.7	19	413.0	354	384.8	120	345.8	7,704	401.5
HYPERTENSION	1	2.2	3	25.2	0	0.0	0	0.0	2	2.2	2	5.8	78	4.1
CEREBROVASCULAR DISEASES	31	69.5	18	150.6	18	82.9	4	87.0	72	78.3	18	51.9	1,356	70.7
ARTERIOSCLEROSIS	3	6.7	2	16.8	4	18.4	0	0.0	11	12.0	0	0.0	208	10.8
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	3	6.7	0	0.0	2	9.2	0	0.0	11	12.0	3	8.6	219	11.4
PNEUMONIA AND INFLUENZA	11	24.7	6	50.4	16	73.7	1	21.7	35	38.0	13	37.5	655	34.1
PNEUMONIA	11	24.7	6	50.4	16	73.7	1	21.7	35	38.0	13	37.5	652	34.0
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	0.2
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	17	38.1	8	67.2	5	23.0	3	65.2	34	37.0	14	40.3	878	45.8
BRONCHITIS, EMPHYSEMA, AND ASTHMA	5	11.2	2	16.8	1	4.6	1	21.7	8	8.7	1	2.9	224	11.7
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	1	2.2	3	25.2	2	9.2	0	0.0	3	3.3	5	14.4	142	7.4
COAL WORKER'S PNEUMOCONIOSIS	1	2.2	3	25.2	0	0.0	0	0.0	0	0.0	0	0.0	82	4.3
ULCER OF STOMACH AND DUODENUM	0	0.0	0	0.0	0	0.0	0	0.0	4	4.3	2	5.8	41	2.2
HERNIA AND INTESTINAL OBSTRUCTION	2	4.5	0	0.0	2	9.2	2	43.5	1	1.1	0	0.0	57	3.0
CHRONIC LIVER DISEASE AND CIRRHOSIS	5	11.2	0	0.0	1	4.6	2	43.5	13	14.1	2	5.8	206	10.7
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0	26	1.4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	0	0.0	0	0.0	1	4.6	0	0.0	10	10.9	0	0.0	217	11.3
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	15	0.8
CONGENITAL ANOMALIES	2	4.5	0	0.0	1	4.6	0	0.0	3	3.3	1	2.9	84	4.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	2	16.8	1	4.6	0	0.0	6	6.5	1	2.9	105	5.5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	1	8.4	0	0.0	0	0.0	2	2.2	0	0.0	30	1.6
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	0	0.0	0	0.0	0	0.0	1	1.1	0	0.0	25	1.3
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	4	9.0	0	0.0	2	9.2	2	43.5	14	15.2	0	0.0	148	7.7
ACCIDENTS, ALL FORMS	20	44.8	4	33.6	10	46.1	1	21.7	31	33.7	28	74.9	893	46.5
MOTOR VEHICLE ACCIDENTS	14	31.4	3	25.2	2	9.2	1	21.7	14	15.2	14	40.3	445	23.2
HOME ACCIDENTS	4	9.0	0	0.0	1	4.6	0	0.0	5	5.4	5	14.4	164	8.5
WORK ACCIDENTS	0	0.0	0	0.0	1	4.6	0	0.0	1	1.1	4	11.5	59	3.1
SUICIDE	3	6.7	3	25.2	2	9.2	0	0.0	18	19.6	4	11.5	270	14.1
HOMICIDE	1	2.2	0	0.0	0	0.0	0	0.0	1	1.1	1	2.9	121	6.3
ALL OTHER CAUSES (RESIDUAL)	29	58.3	7	58.8	14	64.5	6	130.4	60	65.2	9	25.9	1,353	70.5

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by City
Table 35

SELECTED CAUSES OF DEATH	NUMBER AND RATE FOR LEADING CITIES															
	DECKLEY		BLUEFIELD		CHARLESTON		CLARKSBURG		FAIRMONT		HUNTINGTON		MARTINSBURG		MORGANTOWN	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	0	0.0	2	10.2	1	15.0	1	3.7	2	7.8	3	3.7	2	7.5	3	7.2
TOTAL DEATHS, ALL CAUSES	367	17.9	218	13.6	844	13.2	347	15.5	343	14.4	884	13.9	238	18.2	299	10.8
DEATHS UNDER 1 YEAR	4	16.5	3	15.2	7	9.5	0	0.0	4	15.5	13	16.2	2	7.5	3	7.2
DEATHS UNDER 28 DAYS	0	0.0	2	10.2	5	6.8	0	0.0	3	11.6	10	12.4	1	3.7	2	4.8
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.7	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	3.1	1	7.7	0	0.0
SEPTICEMIA	4	19.5	5	31.1	11	17.2	3	13.4	3	12.6	8	12.6	3	23.0	7	25.4
MALIGNANT NEOPLASMS	67	127.0	37	230.4	209	326.7	75	335.3	74	310.1	199	312.5	40	306.2	58	210.1
--OF DIGESTIVE ORGANS AND PERITONEUM	19	92.7	7	43.6	46	71.9	18	80.5	19	79.6	48	75.4	7	53.6	14	50.7
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	23	112.2	10	62.3	65	103.2	20	89.4	18	75.4	56	87.9	7	53.6	15	54.3
--OF GENITOURINARY ORGANS	9	43.9	8	49.8	22	34.4	11	49.2	7	29.3	32	50.2	8	61.2	9	32.6
NERVOUS NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	2	9.8	1	6.2	3	6.7	2	8.9	4	16.8	4	6.3	0	0.0	2	7.2
DIABETES MELLITUS	6	29.3	5	31.1	12	18.8	6	26.8	4	16.8	16	25.1	4	30.6	7	25.4
NUTRITIONAL DEFICIENCIES	0	0.0	0	0.0	1	1.6	0	0.0	0	0.0	3	4.7	0	0.0	0	0.0
ANEMIAS	1	4.9	0	0.0	4	6.3	1	4.5	1	4.2	1	1.6	0	0.0	1	3.6
MAJOR CARDIOVASCULAR DISEASES	200	976.0	110	686.9	405	633.1	179	800.1	180	670.5	434	681.5	131	1002.8	140	516.4
DISEASES OF THE HEART	170	829.6	91	566.6	333	517.4	136	607.9	131	547.0	331	519.8	111	849.7	97	351.4
HYPERTENSION	1	4.9	0	0.0	4	6.3	2	8.9	2	8.4	2	3.1	2	15.3	2	7.2
CEREBROVASCULAR DISEASES	24	117.1	15	93.4	53	83.0	32	145.0	18	75.4	81	127.0	12	91.9	25	90.6
ARTERIOSCLEROSIS	1	4.9	0	0.0	4	6.3	7	31.3	0	0.0	9	14.1	2	15.3	10	43.5
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	2	9.8	4	24.9	13	20.3	2	8.7	9	37.7	11	17.3	4	30.6	6	21.7
PNEUMONIA AND INFLUENZA	13	63.4	7	43.6	24	37.5	14	62.6	9	37.7	37	58.1	9	68.9	13	47.1
PNEUMONIA	13	63.4	7	43.6	24	37.5	14	62.6	9	37.7	37	58.1	8	61.2	13	47.1
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	7.7	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	18	87.8	16	99.6	28	43.8	19	84.9	13	54.5	40	62.8	5	38.3	8	29.0
BRONCHITIS, EMPHYSEMA, AND ASTHMA	1	4.9	7	43.6	6	9.4	7	31.3	2	8.4	23	34.1	1	7.7	2	7.2
PNEUMONIOSIS AND OTHER LUNG DISEASES	4	24.4	1	6.2	3	1.6	0	0.0	3	12.6	2	3.1	0	0.0	4	14.5
COAL WORKER'S PNEUMOCOCHIOSIS	4	19.5	1	6.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	3.6
ULCER OF STOMACH AND DUODENUM	2	9.8	0	0.0	2	3.1	1	4.5	0	0.0	3	4.7	0	0.0	0	0.0
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	8	9.4	1	4.5	1	4.2	6	9.4	1	7.7	2	7.2
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	4.9	1	6.2	12	18.0	1	4.5	7	27.3	5	7.9	7	53.4	2	7.2
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	1.6	0	0.0	1	3.6
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	2	9.8	0	0.0	13	20.3	1	4.5	1	4.2	4	6.3	2	15.3	5	18.1
INFECTIONS OF KIDNEY	1	4.9	0	0.0	0	0.0	0	0.0	0	0.0	2	3.1	0	0.0	0	0.0
CONGENITAL ANOMALIES	0	0.0	1	6.2	2	3.1	1	4.5	0	0.0	4	6.3	0	0.0	1	3.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	2	9.8	1	6.2	4	6.3	0	0.0	3	12.6	7	11.0	1	7.7	1	3.6
BIRTH TRAUMA OR ASPHYXIA, INTRUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	0	0.0	3	4.7	0	0.0	0	0.0	3	4.7	1	7.7	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	1	4.9	1	6.2	0	0.0	0	0.0	2	8.4	0	0.0	0	0.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	2	9.8	0	0.0	5	7.8	1	4.5	1	4.2	2	3.1	0	0.0	0	0.0
ACCIDENTS, ALL FORMS	11	53.7	12	74.7	23	36.0	6	26.8	10	41.9	32	50.2	16	122.5	13	47.1
MOTOR VEHICLE ACCIDENTS	5	14.6	5	31.1	11	17.2	2	8.9	3	12.6	8	12.6	12	91.9	6	21.7
HOME ACCIDENTS	4	19.5	3	15.2	3	7.8	3	13.4	2	8.4	10	15.7	0	0.0	1	3.6
WORK ACCIDENTS	0	0.0	3	18.7	0	0.0	1	4.5	2	8.4	2	3.1	1	7.7	3	10.9
SUICIDE	5	24.4	2	12.5	14	21.9	4	17.9	5	21.0	10	15.7	0	0.0	3	10.9
HOMICIDE	4	19.5	1	6.2	5	7.8	0	0.0	3	12.6	6	9.4	1	7.7	0	0.0
ALL OTHER CAUSES (RESIDUAL)	21	102.5	18	112.1	60	93.8	30	135.1	31	171.8	55	87.9	15	122.5	29	105.1

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes: Number and Rate by City
Table 35 (cont'd)

SELECTED CAUSES OF DEATH	NUMBER AND RATE FOR LEADING CITIES													
	MOUNDSVILLE		PARKERSBURG		SAINT ALBANS		SO CHARLESTON		VIENNA		WEIRTON		WHEELING	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
FETAL DEATHS	2	12.8	2	3.7	0	0.0	1	6.1	0	0.0	1	4.5	3	5.9
TOTAL DEATHS, ALL CAUSES	178	34.3	570	14.3	166	15.4	145	9.1	107	9.2	278	11.2	594	13.8
DEATHS UNDER 1 YEAR	1	4.5	9	16.5	2	8.6	0	0.0	0	0.0	3	13.6	8	15.8
DEATHS UNDER 28 DAYS	1	4.5	5	9.2	2	8.6	0	0.0	0	0.0	2	9.0	6	11.8
INTESTINAL INFECTIOUS DISEASES	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TUBERCULOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SEPTICEMIA	0	0.0	2	5.0	1	6.1	1	6.3	1	8.6	2	8.1	9	20.9
MALIGNANT NEOPLASMS	18	36.6	124	310.3	39	314.2	39	244.2	26	223.8	81	327.5	137	318.1
--OF DIGESTIVE ORGANS AND PERITONEUM	10	80.9	24	60.0	8	48.4	4	25.1	10	86.1	19	76.8	35	81.3
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	12	136.4	40	100.1	15	120.9	14	87.7	6	51.6	20	80.9	38	88.2
--OF GENITOURINARY ORGANS	4	24.2	16	40.0	5	40.3	7	43.8	4	34.4	9	36.4	24	55.7
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	1	4.5	1	2.5	0	0.0	0	0.0	0	0.0	4	16.2	0	0.0
DIABETES MELLITUS	3	37.2	15	37.5	2	16.1	6	37.6	0	0.0	6	24.3	6	13.9
NUTRITIONAL DEFICIENCIES	0	0.0	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ANEMIAS	0	0.0	1	5.0	0	0.0	1	6.3	1	8.6	1	4.0	1	2.3
MAJOR CARDIOVASCULAR DISEASES	14	460.0	277	693.1	81	653.1	60	375.8	57	490.6	117	473.0	315	731.4
DISEASES OF THE HEART	14	460.0	215	537.9	64	510.0	40	250.5	42	361.5	96	388.1	252	585.1
HYPERTENSION	0	0.0	2	5.0	0	0.0	2	12.5	0	0.0	0	0.0	2	4.6
CEREBROVASCULAR DISEASES	14	460.0	47	117.6	13	100.2	13	81.4	9	77.5	19	76.8	38	88.2
ARTERIOSCLEROSIS	0	0.0	7	17.5	0	0.0	2	12.5	4	34.4	1	4.0	12	27.9
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	0	0.0	4	10.0	1	8.1	3	18.8	2	17.2	1	4.0	11	25.5
PNEUMONIA AND INFLUENZA	0	0.0	24	60.0	9	72.6	3	18.8	3	25.8	4	16.2	16	37.1
PNEUMONIA	0	0.0	24	60.0	9	72.6	3	18.8	3	25.8	4	16.2	16	37.1
INFLUENZA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	0	0.0	36	60.0	6	48.4	4	25.1	1	8.6	5	20.2	24	55.7
BRONCHITIS, EMPHYSEMA, AND ASTHMA	0	0.0	7	17.5	1	8.1	0	0.0	0	0.0	1	4.0	9	20.9
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	0	0.0	2	5.0	1	8.1	0	0.0	1	8.6	0	0.0	0	0.0
COAL WORKER'S PNEUMOCONIOSIS	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
ULCER OF STOMACH AND DUODENUM	0	0.0	3	7.5	0	0.0	0	0.0	1	8.6	1	4.0	2	4.6
HERNIA AND INTESTINAL OBSTRUCTION	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	11.6
CHRONIC LIVER DISEASE AND CIRRHOSIS	1	8.1	5	12.5	1	8.1	1	6.3	1	8.6	8	32.3	5	11.6
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	0	0.0	1	2.5	1	8.1	0	0.0	0	0.0	0	0.0	0	0.0
HEPATITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	3	24.2	4	10.0	2	16.1	1	6.3	1	8.6	7	28.3	4	9.3
INFECTIONS OF KIDNEY	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CONGENITAL ANOMALIES	1	8.1	1	2.5	2	16.1	0	0.0	0	0.0	1	4.0	2	4.6
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	0	0.0	6	15.0	0	0.0	0	0.0	0	0.0	1	4.0	6	13.9
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	0	0.0	2	5.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	0	0.0	1	2.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	0	0.0	9	22.5	1	8.1	0	0.0	3	25.8	4	16.2	2	4.6
ACCIDENTS, ALL FORMS	4	30.2	19	47.5	8	64.5	8	50.1	1	8.6	9	36.4	15	34.8
MOTOR VEHICLE ACCIDENTS	1	8.1	9	22.5	0	0.0	3	18.8	0	0.0	4	16.2	5	11.6
HOME ACCIDENTS	1	8.1	3	7.5	1	8.1	2	12.5	0	0.0	4	16.2	4	9.3
WORK ACCIDENTS	0	0.0	0	0.0	1	8.1	0	0.0	0	0.0	0	0.0	0	0.0
SUICIDE	2	16.1	12	30.0	1	8.1	2	12.5	0	0.0	3	12.1	4	9.3
HOMICIDE	5	40.3	1	2.5	2	16.1	0	0.0	0	0.0	0	0.0	1	2.3
ALL OTHER CAUSES (RESIDUAL)	6	48.3	35	87.6	9	72.6	19	112.0	19	86.1	24	97.0	40	92.9

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes by Age Groups
Table 36

SELECTED CAUSES OF DEATH	TOTAL	AGE IN YEARS												AVERAGE AGE AT DEATH
		LESS THAN ONE	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85 AND OVER	
TOTAL DEATHS, ALL CAUSES	19,859	237	54	27	49	310	403	554	1,084	2,805	4,910	5,689	3,729	70.2
DEATHS UNDER 1 YEAR	237	237	0	0	0	0	0	0	0	0	0	0	0	0.1
DEATHS UNDER 28 DAYS	153	153	0	0	0	0	0	0	0	0	0	0	0	0.0
INTESTINAL INFECTIOUS DISEASES	3	0	0	0	0	0	0	0	0	1	1	0	0	72.3
TUBERCULOSIS	19	0	0	0	0	0	1	4	0	2	5	5	0	73.0
SEPTICEMIA	185	7	0	0	0	0	3	4	11	17	29	63	51	68.7
MALIGNANT NEOPLASMS	4,313	0	4	3	6	13	44	121	331	950	1,348	1,088	405	71.4
--OF DIGESTIVE ORGANS AND PERITONEUM	932	0	0	0	0	1	4	21	65	154	273	273	131	67.8
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	1,384	0	0	0	0	0	5	23	100	380	521	215	86	71.8
--OF GENITOURINARY ORGANS	636	0	0	0	0	2	5	14	34	103	176	215	86	68.4
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	79	0	1	0	0	1	3	4	3	9	27	22	9	71.0
DIABETES MELLITUS	403	0	0	0	0	4	3	9	26	70	106	125	59	78.2
NUTRITIONAL DEFICIENCIES	12	0	0	0	0	0	1	1	1	1	4	13	11	76.3
ANEMIAS	47	0	0	1	0	0	0	0	2	2	11	19	12	74.9
MAJOR CARDIOVASCULAR DISEASES	9,565	7	5	1	5	7	45	151	439	1,163	2,355	3,099	2,285	74.3
DISEASES OF THE HEART	7,704	7	4	0	4	5	37	131	379	1,078	1,940	2,436	1,731	74.4
HYPERTENSION	78	0	0	0	0	0	1	2	7	9	13	25	20	77.6
CEREBROVASCULAR DISEASES	1,356	0	1	1	1	1	5	15	39	77	295	491	410	81.5
ARTERIOSCLEROSIS	208	0	0	0	0	0	0	0	6	9	34	68	91	74.1
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	219	0	0	0	0	1	2	3	8	20	73	78	34	79.3
PNEUMONIA AND INFLUENZA	655	6	2	1	2	3	2	2	10	29	106	237	254	79.7
PNEUMONIA	652	6	2	1	2	3	2	2	10	29	106	237	251	87.7
INFLUENZA	3	0	0	0	0	0	0	0	0	0	0	0	3	72.0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	878	0	0	0	1	1	3	5	27	160	305	282	93	70.3
BRONCHITIS, EMPHYSEMA, AND ASTHMA	224	0	0	0	1	1	3	2	9	43	77	70	18	76.4
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	142	0	0	0	0	0	0	1	2	17	63	45	34	73.0
COAL WORKER'S PNEUMOCONIOSIS	43	0	0	0	0	0	0	0	0	13	33	31	5	78.2
ULCER OF STOMACH AND DUODENUM	97	2	0	0	0	0	0	0	0	5	7	21	10	75.8
HERNIA AND INTESTINAL OBSTRUCTION	286	0	0	0	0	0	0	0	2	6	6	21	20	60.5
CHRONIC LIVER DISEASE AND CIRRHOSIS	286	0	0	0	0	0	10	22	39	49	44	36	6	80.5
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	26	0	0	0	0	0	0	0	0	2	5	9	10	76.2
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	217	0	1	0	0	0	1	6	6	24	47	67	65	78.7
INFECTIONS OF KIDNEY	15	0	0	0	0	0	0	0	1	1	3	3	7	12.6
CONGENITAL ANOMALIES	84	48	8	3	1	5	7	2	2	4	1	3	0	0.7
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	105	103	0	0	1	0	0	0	0	1	0	0	0	0.4
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	30	29	0	0	1	0	0	0	0	0	0	0	0	0.0
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	25	25	0	0	0	0	0	0	0	0	0	0	0	53.8
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	137	35	1	0	0	2	3	6	5	10	24	20	31	45.3
ACCIDENTS, ALL FORMS	893	11	22	13	22	187	150	95	51	71	85	102	84	35.3
MOTOR VEHICLE ACCIDENTS	445	2	5	11	10	149	93	60	27	27	30	22	9	51.2
HOME ACCIDENTS	164	9	14	1	4	12	18	7	6	19	21	32	19	37.0
WORK ACCIDENTS	59	0	1	0	0	8	17	19	9	3	2	0	0	45.4
SUICIDE	270	0	0	0	5	40	57	40	32	36	32	23	5	38.0
HOMICIDE	121	2	1	0	1	25	32	26	13	7	11	1	2	62.2
ALL OTHER CAUSES (RESIDUAL)	1,364	16	9	5	5	22	38	58	81	171	305	385	249	

* DEATHS IN THE UNKNOWN COLUMN HAVE NOT BEEN USED IN COMPUTING THE AVERAGE AGES AT DEATH.

WEST VIRGINIA RESIDENT DEATHS 1986
Selected Causes by Month of Occurrence
Table 37

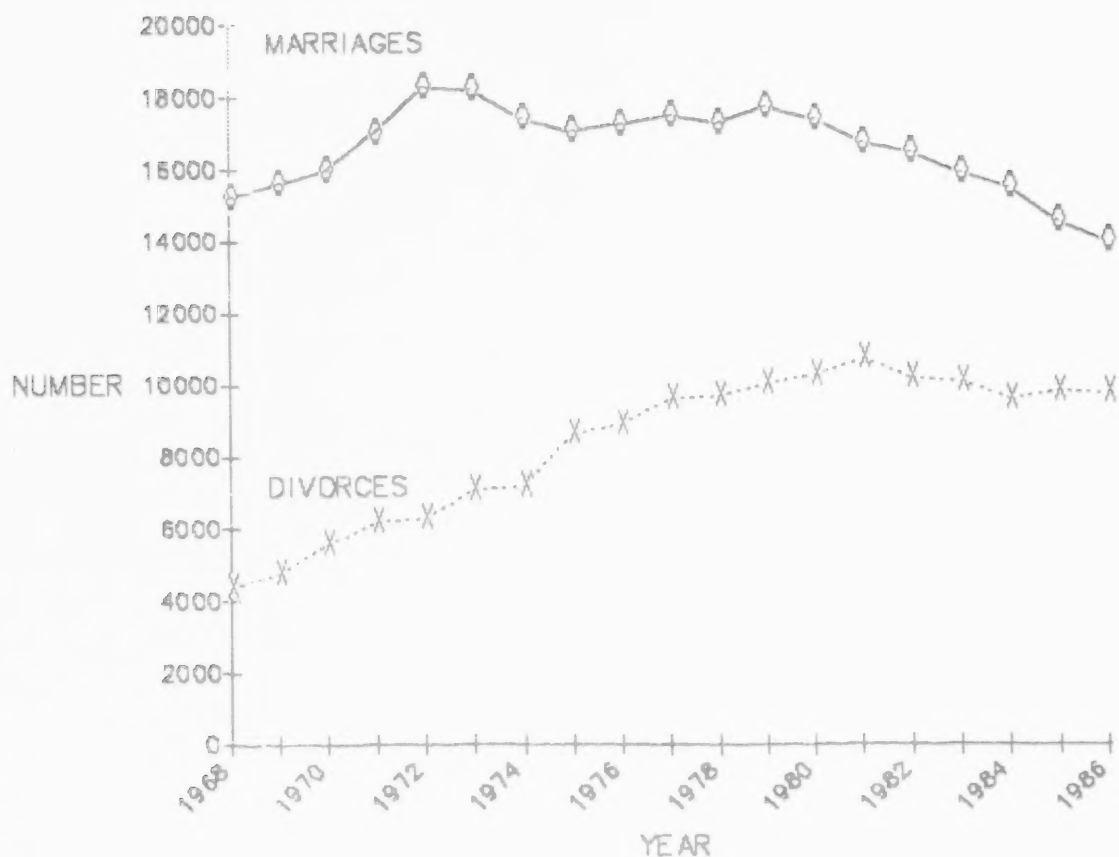
SELECTED CAUSES OF DEATH	TOTAL	NUMBER OF DEATHS PER MONTH											
		JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
FETAL DEATHS	174	16	15	16	13	10	10	12	17	15	24	12	14
TOTAL DEATHS, ALL CAUSES	14,858	1,749	1,594	1,872	1,781	1,608	1,544	1,627	1,578	1,592	1,617	1,574	1,718
DEATHS UNDER 1 YEAR	237	33	16	21	35	14	14	23	14	16	20	14	17
DEATHS UNDER 28 DAYS	187	17	8	9	26	10	11	18	12	12	14	7	9
INTESTINAL INFECTIOUS DISEASES	3	0	2	0	0	0	0	0	1	0	0	0	0
TUBERCULOSIS	14	1	2	0	0	1	1	2	1	2	4	3	2
SEPTICEMIA	188	20	1	18	20	16	15	18	13	11	17	20	14
MALIGNANT NEOPLASMS	4,315	745	332	39	385	341	383	374	350	351	361	327	367
--OF DIGESTIVE ORGANS AND PERITONEUM	732	72	54	94	67	72	72	99	83	78	80	67	77
--OF RESPIRATORY SYSTEM AND INTRATHORACIC ORGANS	1,384	112	111	123	132	113	133	118	101	101	111	117	112
--OF GENITOURINARY ORGANS	638	47	41	54	66	51	52	47	52	59	62	50	55
BENIGN NEOPLASMS, CARCINOMA IN SITU, AND NEOPLASM OF UNSPECIFIED NATURE	77	4	4	11	8	10	8	6	5	6	8	5	4
DIABETES MELLITUS	483	36	38	24	43	32	36	32	35	28	29	32	38
NUTRITIONAL DEFICIENCIES	32	4	4	1	0	3	5	3	3	3	3	2	1
ANEMIAS	47	3	5	3	4	5	2	3	8	4	3	4	3
MAJOR CARDIOVASCULAR DISEASES	4,565	870	775	924	877	777	709	767	756	759	777	763	831
DISEASES OF THE HEART	7,789	714	622	724	710	619	585	626	606	606	599	612	683
HYPERTENSION	76	12	5	4	8	4	5	5	5	8	9	6	6
CEREBROVASCULAR DISEASES	1,336	107	112	141	133	111	81	103	107	109	135	103	113
ARTERIOSCLEROSIS	208	10	10	17	12	28	19	10	23	21	11	26	16
OTHER DISEASES OF ARTERIES, ARTERIOLES, AND CAPILLARIES	219	25	20	18	14	15	19	22	19	15	23	16	13
PNEUMONIA AND INFLUENZA	455	29	65	21	51	67	36	37	43	47	31	42	80
PNEUMONIA	392	28	62	21	51	67	36	37	43	47	31	42	80
INFLUENZA	63	1	3	0	0	0	0	0	0	0	0	0	0
CHRONIC OBSTRUCTIVE PULMONARY DISEASE AND ALLIED CONDITIONS	878	83	77	95	89	83	53	69	59	60	69	81	60
BRONCHITIS, EMPHYSEMA, AND ASTHMA	224	27	20	21	19	13	13	23	12	16	19	20	21
PNEUMOCONIOSIS AND OTHER LUNG DISEASES DUE TO EXTERNAL AGENT	140	10	15	13	16	16	8	6	10	10	12	14	12
COAL WORKER'S PNEUMOCONIOSIS	82	7	6	10	9	7	6	4	6	4	6	9	5
ULCER OF STOMACH AND DUODENUM	61	6	3	3	3	4	4	2	3	3	3	7	3
HEPATA AND INTESTINAL OBSTRUCTION	27	8	4	5	3	7	3	3	8	4	4	5	1
CHRONIC LIVER DISEASE AND CIRRHOSIS	236	25	14	19	12	19	12	19	17	14	16	20	18
CHOLELITHIASIS AND OTHER DISORDERS OF THE GALLBLADDER	26	2	2	2	3	1	0	2	3	1	2	4	4
NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS	217	20	20	27	18	7	18	12	21	24	20	15	18
INFECTIONS OF KIDNEY	15	1	1	1	1	0	0	2	1	3	1	3	1
CONGENITAL ANOMALIES	24	9	8	10	8	3	5	7	6	5	11	5	7
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	105	11	8	6	18	7	7	11	8	9	7	8	5
BIRTH TRAUMA OR ASPHYXIA, INTRAUTERINE HYPOXIA, AND RESPIRATORY DISTRESS SYNDROME	30	1	1	3	1	2	3	3	3	3	4	5	1
DISORDERS RELATING TO SHORT GESTATION AND UNSPECIFIED LOW BIRTH WEIGHT	25	3	1	0	8	1	1	4	1	3	2	1	0
SYMPTOMS, SIGNS, AND ILL-DEFINED CONDITIONS	137	11	13	20	11	11	11	14	13	5	8	6	14
ACCIDENTS, ALL FORMS	893	70	68	59	72	74	91	93	77	73	70	67	79
MOTOR VEHICLE ACCIDENTS	445	34	36	25	33	40	38	37	49	41	38	36	38
HOME ACCIDENTS	164	14	13	15	9	12	15	23	13	11	10	12	15
WORK ACCIDENTS	59	3	7	2	8	4	9	5	2	3	6	5	5
SUICIDE	270	23	15	23	18	21	28	23	28	32	21	22	16
HOMICIDE	121	13	14	13	9	5	11	6	10	11	15	5	9
ALL OTHER CAUSES (RESIDUAL)	1,363	102	106	138	113	102	94	116	92	123	125	114	131

WEST VIRGINIA RESIDENT DEATHS 1986
Autopsies by County
Table 38

COUNTY	NUMBER OF DEATHS	NUMBER OF AUTOPSIES	COUNTY	NUMBER OF DEATHS	NUMBER OF AUTOPSIES
BARBOUR	161	19	MONONGALIA	613	89
BERKELEY	504	64	MONROE	145	6
BOONE	283	38	MORGAN	126	8
BRAXTON	164	10	NICHOLAS	240	26
BROOKE	321	19	OHIO	706	64
CABELL	1,209	95	PENDLETON	70	3
CALHOUN	84	4	PLEASANTS	70	9
CLAY	95	18	POCAHONTAS	137	4
DODDRIDGE	84	1	PRESTON	293	30
FAYETTE	693	71	PUTNAM	267	23
GILMER	62	9	RALEIGH	927	124
GRANT	95	8	RANDOLPH	293	11
GREENBRIER	429	28	RITCHIE	136	8
HAMPSHIRE	151	11	ROANE	166	18
HANCOCK	380	19	SUMMERS	181	7
HARDY	127	11	TAYLOR	180	13
HARRISON	893	58	TUCKER	91	5
JACKSON	213	13	TYLER	116	8
JEFFERSON	297	32	UPSHUR	225	19
KANAWHA	2,409	234	WAYNE	410	33
LEWIS	229	25	WEBSTER	128	12
LINCOLN	188	16	WETZEL	222	17
LOGAN	481	60	WIRT	52	2
MCDOWELL	485	65	WOOD	920	54
MARION	709	79	WYOMING	295	31
MARSHALL	390	23			
MASON	284	18	TOTAL	19,859	1,779
MERCER	777	64			
MINERAL	265	20			
MINGO	388	23			

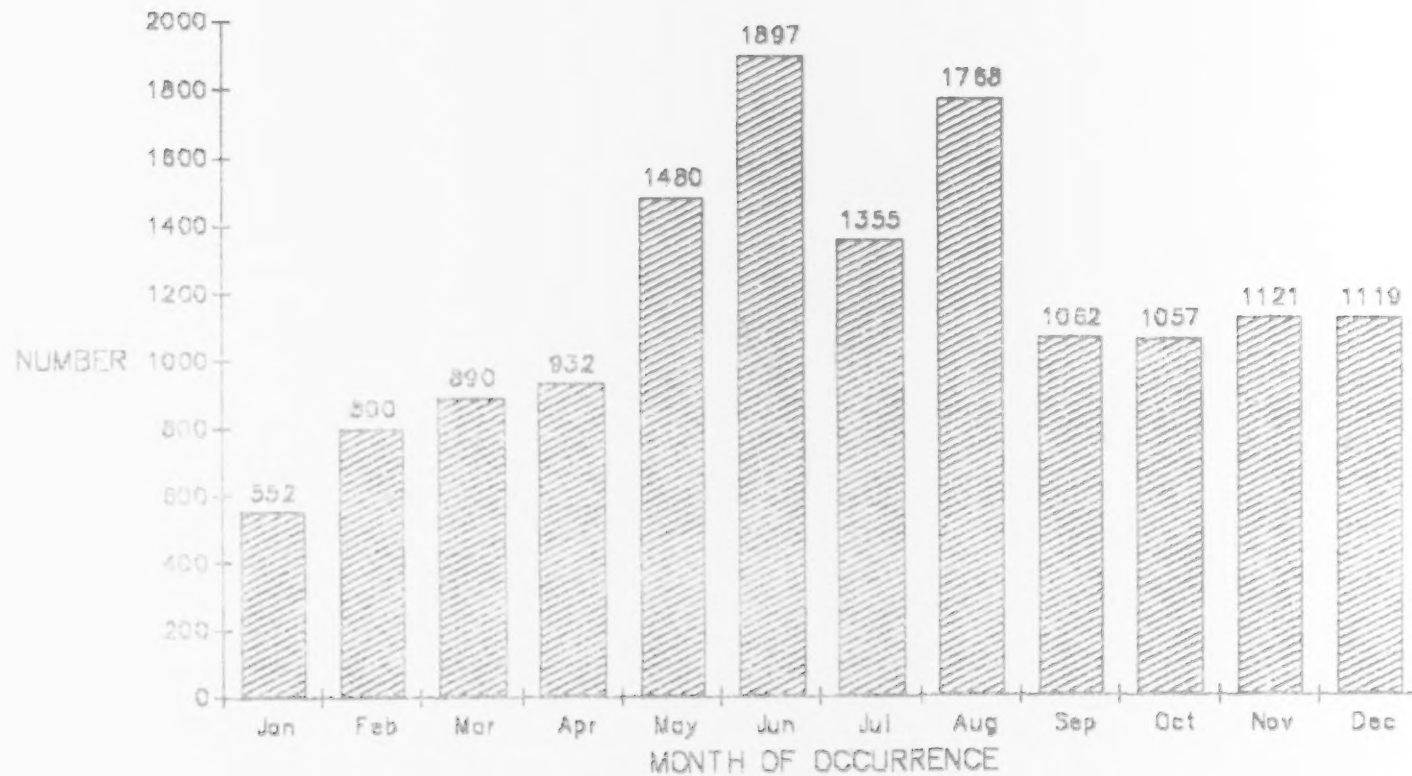
**MARRIAGES AND
DIVORCES**

WEST VIRGINIA RESIDENT MARRIAGES AND DIVORCES 1968-1986
Exhibit 20



YEAR	MARRIAGES	DIVORCES	POPULATION
1968	15,221	4,382	1,763,000
1969	15,604	4,772	1,746,000
1970	15,948	5,584	1,744,237
1971	16,987	6,178	1,768,000
1972	18,270	6,270	1,795,000
1973	18,199	7,056	1,782,000
1974	17,409	7,176	1,784,000
1975	17,041	8,632	1,803,000
1976	17,229	8,893	1,833,000
1977	17,484	9,605	1,852,000
1978	17,275	9,698	1,860,000
1979	17,738	10,046	1,878,000
1980	17,391	10,273	1,949,644
1981	16,721	10,748	1,954,000
1982	16,467	10,198	1,957,000
1983	15,930	10,113	1,965,000
1984	15,513	9,625	1,952,000
1985	14,580	9,851	1,936,000
1986	14,033	9,804	1,919,000

WEST VIRGINIA RESIDENT MARRIAGES 1986
Month of Occurrence
Exhibit 21



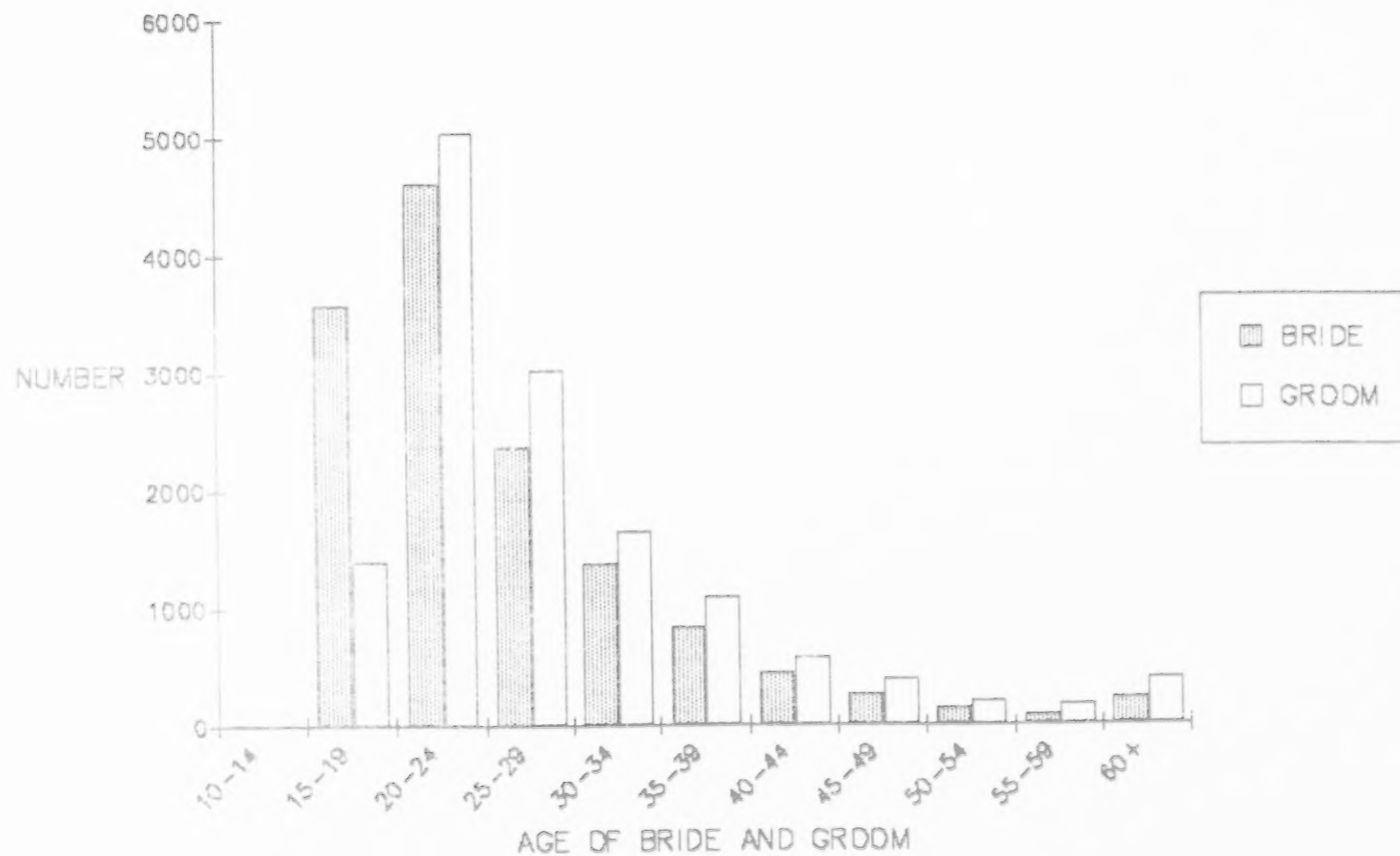
WEST VIRGINIA RESIDENT MARRIAGES 1986
Month of Occurrence by County
Table 39

COUNTY	MONTH OF MARRIAGE												TOTAL
	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	
BARBOUR	2	9	8	40	9	24	24	18	7	8	7	5	127
BERKELEY	3	2	1	1	29	45	28	29	25	23	15	33	296
BOONE	9	14	14	14	19	39	20	31	20	16	21	14	237
BRAXTON	3	4	4	4	11	21	7	13	8	7	7	14	125
BROOK	3	8	10	14	26	26	17	25	18	16	18	15	270
CABELL	22	67	26	16	86	82	82	112	46	61	65	76	771
CALHOUN	3	7	1	1	9	10	6	8	6	6	5	7	78
CLAY	3	3	1	1	8	13	9	8	14	5	6	9	87
CODD	1	1	1	1	7	16	2	4	4	4	6	4	61
FAYETTE	17	14	23	22	32	45	38	48	27	23	30	32	373
GILMER	3	3	1	1	6	14	8	6	5	7	3	5	74
GRANT	0	0	0	0	9	5	3	8	8	6	2	7	56
GREENSBORO	3	11	1	1	25	24	30	21	15	19	21	16	206
HAMPDEN	4	1	1	1	12	16	8	14	6	9	6	9	95
HANCOCK	17	11	1	1	24	42	27	27	27	20	31	33	302
HARDY	8	7	1	1	5	12	9	10	10	5	9	4	87
HARRISON	27	27	3	1	86	75	85	70	42	33	54	51	581
JACKSON	11	19	1	1	23	37	24	28	22	25	19	13	252
JEFFERSON	6	1	1	1	25	29	13	8	14	16	15	21	211
KANAWHA	20	21	1	1	238	238	170	284	197	137	151	153	1,976
LEWIS	9	24	19	1	14	24	19	24	13	12	9	12	174
LINCOLN	3	16	1	1	19	26	11	15	14	14	24	11	185
LOGAN	27	17	1	1	38	46	36	27	24	34	23	25	361
MCDOWELL	1	1	1	1	1	40	22	2	13	18	14	16	210
MARIETTA	18	12	1	1	43	78	41	51	36	40	40	23	634
MARSHALL	12	2	1	1	19	41	31	40	34	37	17	19	316
MARTIN	1	1	1	1	22	31	19	18	13	16	16	23	199
METTLER	1	20	1	1	35	52	46	48	26	28	40	24	357
MINERAL	1	1	1	1	18	14	25	14	8	13	10	19	145
MINGO	7	9	1	1	18	28	17	24	17	16	21	15	197
MONONGALIA	16	29	1	1	60	70	51	78	62	36	46	32	526
MONROE	8	3	1	1	9	13	8	8	9	3	7	4	58
MORGAN	1	3	1	1	9	14	5	14	9	5	4	3	73
NICHOLAS	1	1	1	1	26	38	17	27	18	18	20	15	232
OHIO	24	31	28	1	57	82	61	77	55	41	45	35	530
PENDLETON	0	2	1	1	11	12	6	14	0	5	3	2	68
PLEASANT	0	2	1	1	7	11	9	6	3	11	8	6	69
POCAHONTAS	0	6	1	1	9	8	6	12	3	3	2	5	62
PRESTON	0	6	1	1	12	24	21	30	11	10	12	7	148
PUTNAM	15	18	19	21	30	30	27	37	14	22	27	27	287
RALEIGH	19	14	44	39	68	90	55	76	33	34	30	52	574
RANDOLPH	0	9	19	20	20	31	27	43	19	21	15	11	229
RITCHIE	0	9	8	9	9	9	10	11	7	9	8	5	93
ROANE	0	0	11	15	14	11	14	11	11	8	9	17	133
SUMMERS	0	0	0	0	4	7	10	6	4	4	3	4	54
TAYLOR	0	0	0	0	9	9	7	12	6	6	3	4	77
TUCKER	0	0	0	0	6	8	7	12	10	6	4	5	63
TYLER	0	0	0	0	8	14	8	8	6	6	4	2	73
UPSHUR	11	0	14	14	22	30	24	37	13	23	25	12	237
WAYNE	7	16	17	12	20	31	25	24	11	9	17	19	285
WEBSTER	4	3	2	3	10	8	6	10	9	7	5	11	78
WETZEL	7	6	1	10	18	24	16	21	15	14	15	15	189
WIRT	3	1	0	3	5	7	8	9	2	4	3	2	69
WOOD	38	56	68	76	104	110	84	85	60	67	76	81	906
WYOMING	28	14	29	13	14	26	8	27	9	14	24	29	218
OUT OF STATE	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	552	800	859	932	1,480	1,897	1,355	1,748	1,062	1,097	1,121	1,119	14,933

WEST VIRGINIA RESIDENT MARRIAGES 1982-1986
Number by County
Table 40

COUNTY	1982	1983	1984	1985	1986	COUNTY	1982	1983	1984	1985	1986
BARBOUR	158	147	131	112	127	MONONGALIA	572	573	601	497	526
BERKELEY	293	304	305	279	296	MONROE	78	64	75	66	58
BOONE	285	276	268	288	237	MORGAN	70	69	67	65	73
BRAXTON	122	160	143	149	125	NICHOLAS	225	236	276	213	232
BROOKE	226	212	189	212	200	OHIO	555	525	540	531	530
CABELL	1,036	975	909	803	771	PENDLETON	80	68	66	59	68
CALHOUN	94	85	77	80	78	PLEASANTS	71	75	57	67	69
CLAY	114	128	97	102	87	POCAHONTAS	74	86	73	57	62
DODDRIDGE	54	76	76	57	61	PRESTON	143	148	135	130	148
FAYETTE	477	432	435	392	373	FUTNAM	324	317	308	310	287
GILMER	82	59	65	61	74	RALEIGH	745	650	695	634	574
GRANT	68	70	65	75	66	RANDOLPH	291	278	266	242	229
GREENBRIER	294	243	255	249	206	RITCHIE	108	99	122	95	93
HAMPSHIRE	85	88	117	88	95	ROANE	154	133	105	131	133
HANCOCK	402	346	387	325	302	SUMMERS	85	92	92	80	54
HARDY	83	87	99	87	87	TAYLOR	103	116	108	100	77
HARRISON	606	655	573	600	581	TUCKER	67	76	71	59	63
JACKSON	261	220	215	245	252	TYLER	85	87	91	98	73
JEFFERSON	232	229	219	220	211	UPSHUR	227	254	229	212	237
KANAWHA	2,261	2,187	2,220	2,068	1,976	WAYNE	290	293	287	257	205
LEWIS	193	190	190	182	174	WEBSTER	87	94	92	83	78
LINCOLN	235	216	193	210	185	WEITZEL	209	208	196	173	168
LOGAN	488	476	420	358	361	WIRT	61	44	52	65	49
MCDOWELL	210	246	237	197	210	WOOD	1,010	984	976	994	906
MASON	537	483	460	444	434	WYOMING	298	273	267	224	218
MARSHALL	316	357	339	315	316	OUT-OF-STATE	13	19	19	8	0
MERCER	266	225	197	218	199						
MERCER	490	456	413	398	397						
MINERAL	135	153	132	134	145	TOTAL	16,467	15,930	15,513	14,580	14,033
MINDO	329	293	271	212	197						

WEST VIRGINIA RESIDENT MARRIAGES 1986
Age of Bride and Groom
Exhibit 22



WEST VIRGINIA RESIDENT MARRIAGES 1986
Age of Bride by Age of Groom
Table 41

AGE OF BRIDE	AGE OF GROOM												TOTAL
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	
10-14 YEARS	0	6	6	2	0	0	1	0	0	0	0	0	15
15-19 YEARS	0	1,142	1,977	359	67	89	5	1	0	1	1	0	3,582
20-24 YEARS	0	218	2,433	1,352	357	126	37	18	3	3	5	0	4,610
25-29 YEARS	0	26	439	919	583	276	81	37	11	7	3	1	2,383
30-34 YEARS	0	9	100	286	458	305	135	60	15	8	7	0	1,383
35-39 YEARS	0	1	22	82	151	244	166	107	40	19	16	0	848
40-44 YEARS	0	1	7	23	33	88	105	96	61	19	26	0	459
45-49 YEARS	0	0	1	10	6	26	42	68	51	36	30	0	270
50-54 YEARS	0	0	1	0	3	5	15	10	26	44	53	0	157
55-59 YEARS	0	0	0	1	0	0	2	4	6	24	53	0	90
60 & OVER	0	0	0	0	0	0	1	0	3	17	214	0	235
UNKNOWN	0	0	1	0	0	0	0	0	0	0	0	0	1
TOTAL	0	1,403	5,047	3,034	1,658	1,099	590	401	216	178	406	1	14,033

WEST VIRGINIA RESIDENT MARRIAGES 1986
Previous Marital Status of Bride and Groom
Table 42

BRIDE	GROOM					
	NEVER MARRIED	WIDOWED	DIVORCED	ANNULLED	NOT STATED	TOTAL
NEVER MARRIED	7,716	53	1,321	5	7	9,102
WIDOWED	50	211	186	1	6	454
DIVORCED	1,502	216	2,686	12	20	4,436
ANNULLED	8	2	6	1	0	17
NOT STATED	5	4	12	0	3	24
TOTAL	9,281	486	4,211	19	36	14,033

WEST VIRGINIA RESIDENT MARRIAGES 1986
Number of Previous Marriages for Bride and Groom
Table 43

BRIDE	GROOM						
	NEVER MARRIED	ONE PREVIOUS MARRIAGE	TWO PREVIOUS MARRIAGES	THREE PREVIOUS MARRIAGES	FOUR OR MORE PREVIOUS MARRIAGES	NOT STATED	TOTAL
NEVER MARRIED	7,716	1,132	201	29	7	17	9,102
ONE PREVIOUS MARRIAGE	1,297	1,845	433	96	23	7	3,701
TWO PREVIOUS MARRIAGE	211	466	215	47	9	0	948
THREE PREVIOUS MARRIAGES	30	95	39	18	6	2	190
FOUR OR MORE PREVIOUS MARRIAGES	5	17	14	5	1	0	42
NOT STATED	22	14	4	0	0	10	50
TOTAL	9,281	3,569	906	195	46	36	14,033

WEST VIRGINIA DIVORCES AND ANNULMENTS 1986
County of Occurrence
Table 44

COUNTY	NUMBER OF DIVORCES	NUMBER OF ANNULMENTS	TOTAL	COUNTY	NUMBER OF DIVORCES	NUMBER OF ANNULMENTS	TOTAL
BARBOUR	95	0	95	MONONGALIA	344	1	345
BERKELEY	295	0	295	MONROE	57	0	57
BOONE	182	0	182	MORGAN	55	0	55
BRAXTON	72	0	72	NICHOLAS	137	0	137
BROOKE	112	1	113	OHIO	214	0	214
CABELL	586	3	589	PENDLETON	29	0	29
CALHOUN	28	0	28	PLEASANTS	38	0	38
CLAY	46	0	46	POCAHONTAS	46	0	46
DODDRIDGE	18	0	18	PRESTON	118	0	118
FAYETTE	287	2	289	PUTNAM	245	0	245
GILMER	31	0	31	RALEIGH	513	0	513
GRANT	42	0	42	RANDOLPH	166	0	166
GREENBRIER	187	0	187	RITCHIE	66	0	66
HAMPSHIRE	50	0	50	ROANE	73	0	73
HANCOCK	137	4	141	SUMMERS	66	0	66
HARDY	54	0	54	TAYLOR	82	0	82
HARRISON	349	0	349	TUCKER	46	0	46
JACKSON	125	0	125	TYLER	42	1	43
JEFFERSON	178	0	178	UPSHUR	103	0	103
KANAWHA	1,292	1	1,293	WAYNE	251	0	251
LEWIS	117	0	117	WEBSTER	43	2	45
LINCOLN	127	0	127	WETZEL	87	1	88
LOGAN	220	1	221	WIRT	23	0	23
MCDOWELL	246	2	248	WOOD	540	0	540
MARION	266	1	267	WYOMING	201	1	202
MARSHALL	154	1	155				
MASON	172	0	172	TOTAL	9,780	24	9,804
MERCER	426	2	428				
MINERAL	115	0	115				
MINGO	186	0	186				

WEST VIRGINIA DIVORCES AND ANNULMENTS 1982-1986
Number by County
Table 45

COUNTY	1982	1983	1984	1985	1986	COUNTY	1982	1983	1984	1985	1986
BARBOUR	72	79	67	77	95	MONONGALIA	386	377	336	305	345
BERKELEY	221	230	241	289	295	MONROE	49	88	67	55	57
BOONE	180	169	186	187	182	MORGAN	53	43	56	62	55
BRAXTON	75	75	62	68	72	NICHOLAS	110	157	140	170	137
BROOKE	118	115	126	125	113	OHIO	213	261	237	259	214
CABELL	659	629	604	639	589	PENDLETON	28	28	35	31	29
CALHOUN	38	57	42	32	28	PLEASANTS	32	40	28	20	38
CLAY	51	70	57	56	46	POCAHONTAS	59	69	43	38	46
DODDRIDGE	29	25	28	19	18	PRESTON	115	121	113	90	118
FAYETTE	293	284	290	294	289	PUTNAM	237	269	207	251	245
GILMER	42	37	35	31	31	RALEIGH	500	442	437	452	513
GRANT	43	44	41	26	42	RANDOLPH	202	196	148	191	166
GREENBRIER	191	229	190	188	187	RITCHIE	59	39	48	68	66
HAMPSHIRE	57	58	60	70	50	ROANE	67	71	83	84	73
HANCOCK	200	171	187	142	141	SUMMERS	67	65	64	87	66
HARDY	43	44	39	44	54	TAYLOR	76	78	91	84	82
HARPISON	340	320	320	408	349	TUCKER	43	31	36	42	46
JACKSON	111	131	130	144	125	TYLER	59	44	44	53	43
JEFFERSON	200	183	171	150	178	UPSHUR	122	148	132	120	103
KANAWHA	1,407	1,362	1,280	1,284	1,293	WAYNE	264	258	208	234	251
LEWIS	95	130	107	83	117	WEBSTER	51	53	53	54	45
LINCOLN	117	139	138	140	127	WETZEL	112	71	72	89	88
LOGAN	301	302	252	255	221	WIRT	26	33	29	25	23
MCDOWELL	188	203	235	234	248	WOOD	575	521	502	516	540
MARION	305	278	264	272	267	WYOMING	178	199	160	152	202
MARSHALL	168	163	205	197	155						
MASON	156	141	125	163	172						
MERCER	483	413	400	398	428	TOTAL	10,198	10,113	9,625	9,851	9,804
MINERAL	109	91	123	122	115						
MINGO	223	234	251	180	186						

WEST VIRGINIA DIVORCES AND ANNULMENTS 1986
Age of Husband and Wife
Table 46

AGE OF WIFE	AGE OF HUSBAND											TOTAL
	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	
10-14 YEARS	1	0	0	0	0	0	0	0	0	0	0	1
15-19 YEARS	73	237	46	10	3	2	0	0	0	0	4	375
20-24 YEARS	18	201	703	174	51	15	14	4	3	1	6	1,790
25-29 YEARS	5	126	863	669	186	58	25	9	2	3	8	1,954
30-34 YEARS	0	22	156	650	504	126	56	13	8	6	12	1,553
35-39 YEARS	0	11	57	164	517	318	102	36	15	11	4	1,235
40-44 YEARS	0	5	11	38	86	270	187	66	25	16	3	707
45-49 YEARS	0	0	4	8	25	37	156	116	34	18	2	400
50-54 YEARS	0	0	0	1	1	16	27	65	53	33	1	197
55-59 YEARS	0	0	0	0	2	4	5	13	46	63	0	133
60 & OVER	0	0	1	1	1	2	9	6	18	135	2	175
UNKNOWN	1	4	11	11	9	5	5	2	3	2	1,231	1,284
TOTAL	98	1,206	1,852	1,726	1,385	853	586	330	207	288	1,273	9,804

WEST VIRGINIA DIVORCES AND ANNULMENTS 1986
Plaintiff by Duration of Marriage
Table 47

DURATION OF MARRIAGE IN YEARS	HUSBAND AS PLAINTIFF				WIFE AS PLAINTIFF				UNKNOWN PLAINTIFF				TOTAL	PERCENT OF TOTAL
	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL	DIVORCE	ANNULMENT	TOTAL	PERCENT OF TOTAL		
UNDER 1	233	5	238	2.4	448	10	458	4.7	0	0	0	0.0	693	7.1
1 TO 5	1,172	3	1,175	12.0	2,800	4	2,804	28.6	0	0	0	0.0	3,979	40.6
6 TO 10	633	1	634	6.5	1,571	1	1,572	16.0	0	0	0	0.0	2,206	22.5
11 TO 15	354	0	354	3.6	808	0	808	8.4	0	0	0	0.0	1,182	12.1
16 TO 20	234	0	234	2.4	519	0	519	5.3	0	0	0	0.0	753	7.7
21 TO 25	143	0	143	1.5	277	0	277	2.8	0	0	0	0.0	425	4.3
26 TO 30	84	0	84	0.9	164	0	164	1.7	0	0	0	0.0	248	2.5
31 TO 35	32	0	32	0.3	66	0	66	0.7	0	0	0	0.0	98	1.0
36 TO 40	19	0	19	0.2	49	0	49	0.5	0	0	0	0.0	68	0.7
41 TO 45	11	0	11	0.1	18	0	18	0.2	0	0	0	0.0	29	0.3
46 TO 50	3	0	3	0.0	5	0	5	0.1	0	0	0	0.0	7	0.1
51 TO 55	2	0	2	0.0	0	0	0	0.0	0	0	0	0.0	2	0.0
56 TO 60	0	0	0	0.0	0	0	0	0.0	0	0	0	0.0	0	0.0
OVER 60	0	0	0	0.0	1	0	1	0.0	0	0	0	0.0	1	0.0
UNKNOWN	26	0	26	0.3	87	0	87	0.9	0	0	0	0.0	113	1.2
TOTAL	2,947	9	2,956	30.2	6,833	15	6,848	69.8	0	0	0	0.0	2,804	100.0

WEST VIRGINIA DIVORCES AND ANNULMENTS 1986
Type of Decree by Number of Children
Table 48

NUMBER OF DECREES	NUMBER OF CHILDREN REPORTED UNDER 18 YEARS OF AGE										TOTAL
	NONE	ONE	TWO	THREE	FOUR	FIVE	SIX	SEVEN	EIGHT OR MORE	UNKNOWN	
DIVORCE PERCENT	4,547 46.5	2,664 27.2	1,885 19.3	537 5.5	115 1.2	23 0.2	3 0.0	0 0.0	2 0.0	4 0.0	9,780 99.8
ANNULMENT PERCENT	23 95.8	1 4.2	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	24 0.2
TOTAL PERCENT	4,570 46.6	2,665 27.2	1,885 19.2	537 5.5	115 1.2	23 0.2	3 0.0	0 0.0	2 0.0	4 0.0	9,804 100.0

WEST VIRGINIA DIVORCES AND ANNULMENTS 1986
Plaintiff by Age Group
Table 49

PLAINTIFF	AGE OF PLAINTIFF												TOTAL
	10-14 YEARS	15-19 YEARS	20-24 YEARS	25-29 YEARS	30-34 YEARS	35-39 YEARS	40-44 YEARS	45-49 YEARS	50-54 YEARS	55-59 YEARS	60 & OVER YEARS	UNKNOWN	
HUSBAND PERCENT	0 0.0	30 1.0	369 12.5	517 17.5	514 17.4	404 13.7	271 9.2	193 6.5	128 4.3	69 2.3	110 3.7	351 11.9	2,956 30.2
WIFE PERCENT	1 0.0	241 3.5	1,270 18.5	1,410 20.6	1,112 16.2	848 12.4	466 6.8	257 3.8	129 1.9	91 1.3	112 1.6	911 13.3	6,848 69.8
UNKNOWN PERCENT	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
TOTAL PERCENT	1 0.0	271 2.8	1,639 16.7	1,927 19.7	1,626 16.6	1,252 12.8	737 7.5	450 4.6	257 2.6	160 1.6	222 2.3	1,262 12.9	9,804 100.0





APPENDIXES



APPENDIX A CERTIFICATES AND FORMS

Certificate of Live Birth

LOCAL FILE NUMBER		WEST VIRGINIA STATE DEPARTMENT OF HEALTH DIVISION OF VITAL STATISTICS				BIRTH NO. 147 -	
CHILD		CHILD NAME FIRST MIDDLE LAST		SEX	DATE OF BIRTH (Mo. Day Yr.)		HOUR
HOSPITAL NAME (If not in hospital give street and number)		TOWN OR LOCATION OF BIRTH		COUNTY OF BIRTH			
I certify that the stated information concerning the birth of this child is true to the best of my knowledge and belief.		DATE SIGNED (Mo. Day Yr.)		NAME AND TITLE OF ATTENDANT AT BIRTH IF OTHER THAN CERTIFIER (Type or print)			
CERTIFIER		SIGNATURE		SIGNATURE			
CERTIFIER NAME AND TITLE (Type or print)		MAILING ADDRESS (STREET OR R.F.D. NO. CITY OR TOWN STATE ZIP)					
REGISTRAR		DATE RECEIVED BY REGISTRAR (Month Day Yr.)					
MOTHER		MOTHER M maiden name FIRST MIDDLE LAST		AGE (At time of this birth)	STATE OF BIRTH (If not in U.S.A. name country)		
RESIDENCE STATE		COUNTY	CITY OR TOWN OR LOCATION	STREET & NUMBER OF RESIDENCE		INSIDE CITY LIMITS (Specify Yes or No)	
MOTHER'S MAILING ADDRESS (If same as above enter Zip Code only)							
FATHER		FATHER NAME FIRST MIDDLE LAST		AGE (At time of this birth)	STATE OF BIRTH (If not in U.S.A. name country)		
I certify that the personal information provided on this certificate is correct to the best of my knowledge and belief.		SIGNATURE OF FATHER (Type or print)		RELATION TO CHILD			
SIGNATURE		SIGNATURE					

DEATH UNDER
ONE YEAR OF
AGE
Enter date the
Number of death
certificates for the
year

MULTIPLE BIRTHS
Enter date the
Number of infants
LIVE BIRTHS
FETAL DEATHS

INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE MOTHER (eg. White, Black, American Indian, etc.) (Specify)		RACE FATHER (eg. White, Black, American Indian, etc.) (Specify)		BIRTH WEIGHT		THIS BIRTH Single twin triplet etc. (Specify)		IF NOT SINGLE BIRTH-Birth twin triplet (Specify)		IS MOTHER MARRIED? (Specify yes or no)	
12		13		14		15a		15b		16	
PREVIOUS HISTORY (Specify all relevant)				EDUCATION MOTHER (Specify only highest grade completed; Elementary to Secondary to Post)				EDUCATION FATHER (Specify only highest grade completed; Elementary to Secondary to Post)			
LIVE BIRTHS (Do not include this child)		OTHER TERMINATIONS (Spontaneous and induced)		18		19		20		21	
17a How many		17b How many		17c How many		17d How many		DATE LAST NORMAL MENSTRUATION BEGAN (Month Day Year)		MONTH OF PREGNANCY PRE-NATAL CARE BEGAN (Specify)	
Number		Number		Number		Number		22a		22b	
None ☐		None ☐		None ☐		None ☐		23		24	
DATE OF LAST LIVE BIRTH (Month Year)		DATE OF LAST OTHER TERMINATION (Month Year)		CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write none)		25		26		27	
17a		17b		28		29		30		31	
COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write none)				CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write none)							
32				33				34			
WAS SEROLOGIC TEST FOR SYPHILIS PERFORMED?		IF YES Date performed		NAME OF SEROLOGIC TEST		AT WHAT LABORATORY?		WAS APPROVED SOLUTION PLACED IN EYES?			
Yes ☐ No ☐		27a		27b		27c		27d		27e	
27a		27b		27c		27d		27e		27f	

ORIGINAL

Physician's Certificate of Death

WEST VIRGINIA STATE DEPARTMENT OF HEALTH DIVISION OF VITAL STATISTICS PHYSICIAN'S CERTIFICATE OF DEATH

LOCAL FILE NUMBER		STATE FILE NUMBER	
DECEDENT—NAME FIRST MIDDLE LAST		SEX	DATE OF DEATH (Mo., Day, Yr.)
1. RACE (e.g., White, Black, American Indian, etc.) (Specify)		2. AGE (last 5 digits)	3. DATE OF BIRTH (Mo., Day, Yr.)
4. CITY, TOWN OR LOCATION OF DEATH		5. COUNTY OF DEATH	
6. HOSPITAL OR OTHER INSTITUTION (If not in either, give street and number)		7. IF HOSP. OR INST. Indicate DOA, OP, Emer. Rm., Outpatient (Specify)	
7a. STATE OF BIRTH (If not in U.S.A., name country)		7b. CITIZEN OF WHAT COUNTRY	
8. MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify)		9. SURVIVING SPOUSE (If wife, give maiden name)	
10. SOCIAL SECURITY NUMBER		11. USUAL OCCUPATION (Give kind of work done during most of working life, even if retired)	
12. RESIDENCE—STATE		13. CITY, TOWN OR LOCATION	
14. STREET AND NUMBER		15. INSIDE CITY LIMITS (Specify Yes or No)	
FATHER—NAME FIRST MIDDLE LAST		MOTHER—MAIDEN NAME FIRST MIDDLE LAST	
16. INFORMANT—NAME (Type or print)		17. MARRIAGE ADDRESS	
18a. BURIAL, CREMATION, REMOVAL, OTHER (Specify)		18b. CEMETERY OR CREMATORY—NAME	
19a. FUNERAL SERVICE LICENSEE Or Person Acting As Such (Signature)		19b. NAME OF FACILITY	
20a. To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated.		20b. DATE SIGNED (Mo., Day, Yr.)	
21a. SIGNATURE		21b. NAME OF ATTENDING PHYSICIAN & OTHER THAN CERTIFIER (Type or Print)	
21c. NAME AND ADDRESS OF CERTIFIER (Type or Print)		21d. DATE RECEIVED BY REGISTRAR (Mo., Day, Yr.)	
22a. REGISTRAR (Signature)		22b. IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR FULL, ILL, AND INST.)	
23. PART I (a) DUE TO, OR AS A CONSEQUENCE OF		Interval between onset and death	
(b) DUE TO, OR AS A CONSEQUENCE OF		Interval between onset and death	
(c) OTHER SIGNIFICANT CONDITIONS—Conditions contributing to death but not related to cause given in PART I (a)		Interval between onset and death	
24. ACCIDENT (Specify Yes or No)		25. DATE OF INJURY (Mo., Day, Yr.)	
26a. IF YES, MOTIFY MED. EXAMINER		26b. HOUR OF INJURY	
26c. INJURY AT WORK (Specify Yes or No)		26d. PLACE OF INJURY—At home, farm, street, factory, office building, etc. (Specify)	
26e. LOCATION		26f. STREET OR R.F.D. NO.	
26g. CITY OR TOWN		26h. STATE	

ORIGINAL

FORM VS. 002
REV. 1-78

Medical Examiner's Certificate of Death

WEST VIRGINIA STATE DEPARTMENT OF HEALTH DIVISION OF VITAL STATISTICS MEDICAL EXAMINER'S CERTIFICATE OF DEATH

DECLARANT - NAME FIRST		MIDDLE		LAST		SEX		DATE OF DEATH (Mo., Day, Yr.)	
RACE (e.g., White, Black, American Indian, etc.) (Specify)		AGE - last birthday (Yrs.)		SEX		DATE OF BIRTH (Mo., Day, Yr.)		COUNTY OF DEATH	
CITY, TOWN OR LOCATION OF DEATH		HOSPITAL OR OTHER INSTITUTION - Name (If not in either, give street and number)		IF HOSP. OR INT. Indicate DOA, OP, Em., Im., Inpatient (Specify)		WAS DECEDENT EVER IN U.S. ARMED FORCES? (Specify Yes or No)			
STATE OF BIRTH (If not in U.S.A., name country)		CITIZEN OF WHAT COUNTRY		MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (Specify)		SURVIVING SPOUSE (If wife, give maiden name)			
SOCIAL SECURITY NUMBER		USUAL OCCUPATION (Give kind of work done during most of working life, even if retired)		KIND OF BUSINESS OR INDUSTRY					
RESIDENCE - STATE		COUNTY		CITY, TOWN OR LOCATION		STREET AND NUMBER		INSIDE CITY LIMITS (Specify Yes or No)	
FATHER - NAME FIRST		MIDDLE		LAST		MOTHER - MAIDEN NAME FIRST		MIDDLE LAST	
INFORMANT - NAME (Type or Print)		MARITAL ADDRESS		STREET OR R.F.D. NO.		CITY OR TOWN		STATE	
BURIAL, CREMATION, REMOVAL, OTHER (Specify)		CEMETERY OR CREMATORY - NAME		LOCATION		CITY OR TOWN		STATE	
FUNERAL SERVICE LICENSEE Or Person Acting As Such (Sign and Print)		NAME OF FACILITY		ADDRESS OF FACILITY					
On the basis of examination and/or investigation, in my opinion death occurred at the time, date and place and due to the cause(s) stated:		DATE SIGNED (Mo., Day, Yr.)		HOUR OF DEATH					
21a. Signature		21b. ON		21c. AT					
NAME AND ADDRESS OF CERTIFIER (Type or Print)									
21f. REGISTRAR		DATE RECEIVED BY REGISTRAR (Mo., Day, Yr.)							
21g. IMMEDIATE CAUSE (ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c).)									
PART I (a) DUE TO, OR AS A CONSEQUENCE OF									
(b) DUE TO, OR AS A CONSEQUENCE OF									
PART II OTHER SIGNS, STAGE, COMPLICATIONS, Contributing factors contributing to death and not included above (See PART I for)									
22a. PLACE OF INJURY (Specify)		DATE OF INJURY (Mo., Day, Yr.)		HOUR OF INJURY		DESCRIBE HOW INJURY OCCURRED			
22b. PLACE OF WORK (Specify Yes or No)		22c. PLACE OF INJURY - At home, farm, street, factory, office building, etc. (Specify)		22d. LOCATION		STREET OR R.F.D. NO.		CITY OR TOWN STATE	

FORM VS-002-M
REV. 1-74

ORIGINAL

Certificate of Fetal Death

WEST VIRGINIA STATE DEPARTMENT OF HEALTH-DIVISION OF VITAL STATISTICS
CERTIFICATE OF FETAL DEATH

Dist. No. _____ Serial No. _____ STATE FILE NO. _____

TYPE, OR PRINT IN PERMANENT INK See Handbook For Instructions

FETUS

1. FETUS-NAME First Middle Last
2a. DATE OF DELIVERY (Month, Day, Year) 2b. HOUR 2c. MIN. 2d. AM

3. SEX THIS DELIVERY Single Twin Triplet Etc. IF NOT SINGLE DELIVERY born first, second, third, etc. specify) 4a. 4b. 4c. 4d. 4e. 4f. 4g. 4h. 4i. 4j. 4k. 4l. 4m. 4n. 4o. 4p. 4q. 4r. 4s. 4t. 4u. 4v. 4w. 4x. 4y. 4z. 5a. COUNTY OF DELIVERY

5b. CITY, TOWN, OR LOCATION OF DELIVERY INSIDE CITY LIMITS (Specify yes or no) 5c. HOSPITAL-NAME (If not in hospital, give street and number)

MOTHER

6a. MOTHER-MAIDEN NAME First Middle Last 6b. AGE (at time of this delivery) 6c. STATE OF BIRTH (If not in U.S.A., name country)

7a. RESIDENCE-STATE 7b. COUNTY 7c. CITY, TOWN, OR LOCATION 7d. INSIDE CITY LIMITS (Specify yes or no) 7e. STREET AND NUMBER

FATHER

8a. FATHER-NAME First Middle Last 8b. AGE (at time of this delivery) 8c. STATE OF BIRTH (If not in U.S.A., name country)

9. PART I. FETAL DEATH WAS CAUSED BY: [ENTER ONLY ONE CAUSE PER LINE FOR (a), (b), AND (c)] SPECIFY FETAL OR MATERNAL.

9a. Fetal or maternal condition directly causing fetal death (a) IMMEDIATE CAUSE 9b. Fetal and/or maternal conditions, if any, giving rise to the immediate cause (a) (b) DUE TO, OR AS A CONSEQUENCE OF: 9c. stating the underlying cause last DUE TO, OR AS A CONSEQUENCE OF:

PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER: Conditions contributing to fetal death but not related to cause given in Part I (a) FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN (Specify) 10. AUTOPSY (Specify yes or no) 11a. IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH 11b.

12. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD 12a. SIGNATURE 12b. DATE SIGNED (month, day, year) 12c. ATTENDANT-M.D., D.O., midwife, other (specify)

12d. CERTIFIER-MAILING ADDRESS (Street or R.F.D. No., city or town, state, zip) 12e. AUTHORIZED OFFICIAL (If delivery not attended by physician) 12f. SIGNATURE

13. BURIAL, CREMATION, OR REMOVAL (Specify) 13a. CEMETERY OR CREMATORY-NAME 13b. LOCATION (City or town, state)

14. DATE (Month, day, year) 14a. FUNERAL HOME-NAME AND ADDRESS (Street or R.F.D. No., city or town, state, zip)

14b. FUNERAL DIRECTOR-SIGNATURE 14c. REGISTRAR-SIGNATURE 14d. DATE RECEIVED BY LOCAL REGISTRAR month day year

15. 15a. 15b. 15c. 15d. 15e. 15f. 15g. 15h. 15i. 15j. 15k. 15l. 15m. 15n. 15o. 15p. 15q. 15r. 15s. 15t. 15u. 15v. 15w. 15x. 15y. 15z.

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

FATHER

16. RACE-FATHER 16a. EDUCATION-Specify highest grade completed 16b. USUAL OCCUPATION 16c. KIND OF BUSINESS OR INDUSTRY

16d. White, Negro, American Indian, etc. (Specify) 16e. Elementary (0, 1, 2, 3, 4, ... or 8) 16f. High School (1, 2, 3, or 4) 16g. College (1, 2, 3, 4, or 5+) 16h. 16i. 16j. 16k. 16l. 16m. 16n. 16o. 16p. 16q. 16r. 16s. 16t. 16u. 16v. 16w. 16x. 16y. 16z.

MOTHER

17. RACE-MOTHER 17a. EDUCATION-Specify highest grade completed 17b. USUAL OCCUPATION 17c. KIND OF BUSINESS OR INDUSTRY

17d. White, Negro, American Indian, etc. (Specify) 17e. Elementary (0, 1, 2, 3, 4, ... or 8) 17f. High School (1, 2, 3, or 4) 17g. College (1, 2, 3, 4, or 5+) 17h. 17i. 17j. 17k. 17l. 17m. 17n. 17o. 17p. 17q. 17r. 17s. 17t. 17u. 17v. 17w. 17x. 17y. 17z.

18. PREVIOUS DELIVERIES-HOW MANY OTHER CHILDREN 18a. DATE OF LAST LIVE BIRTH 18b. DATE OF LAST FETAL DEATH 18c. DATE LAST NORMAL MENSTRUATION BEGAN (Month, day, year)

18d. ARE NOW LIVING 18e. WERE BORN ALIVE -NOW DEAD 18f. WERE BORN DEAD (Fetal death at any time after conception) 18g. 18h. 18i. 18j. 18k. 18l. 18m. 18n. 18o. 18p. 18q. 18r. 18s. 18t. 18u. 18v. 18w. 18x. 18y. 18z.

19. MONTH OF PREGNANCY PRENATAL CARE BEGAN 1st, 2d, etc. (Specify) 19a. PRENATAL VISITS Total number 19b. WAS SEROLOGIC TEST FOR SYPHILIS PERFORMED 19c. IF "NO" STATE REASON 19d. LEGITIMATE (Specify yes or no) 19e. BIRTH WEIGHT lbs. ozs.

19f. 19g. 19h. 19i. 19j. 19k. 19l. 19m. 19n. 19o. 19p. 19q. 19r. 19s. 19t. 19u. 19v. 19w. 19x. 19y. 19z.

20. COMPLICATIONS RELATED TO PREGNANCY OR LABOR (Describe or write "none") 20a. BIRTH INJURIES TO FETUS (Describe or write "none")

20b. 20c. 20d. 20e. 20f. 20g. 20h. 20i. 20j. 20k. 20l. 20m. 20n. 20o. 20p. 20q. 20r. 20s. 20t. 20u. 20v. 20w. 20x. 20y. 20z.

21. COMPLICATIONS NOT RELATED TO PREGNANCY OR LABOR (Describe or write "none") 21a. CONGENITAL MALFORMATIONS OR ANOMALIES OF FETUS (Describe or write "none")

21b. 21c. 21d. 21e. 21f. 21g. 21h. 21i. 21j. 21k. 21l. 21m. 21n. 21o. 21p. 21q. 21r. 21s. 21t. 21u. 21v. 21w. 21x. 21y. 21z.

Form VS-003
(1-1-66)

Application for Marriage License

WEST VIRGINIA STATE DEPARTMENT OF HEALTH - DIVISION OF VITAL STATISTICS

APPLICATION FOR MARRIAGE LICENSE

License No. _____
 License Issued: Date _____ County _____ State file No. _____

Write plainly with permanent ink or typewriter.

GROOM		2. COLOR OR RACE	
1. FULL NAME (First, Middle, Last)			
3. DATE OF BIRTH (Month, Day, Year)	4. AGE (Last Birthday)	5. RELATIONSHIP TO BRIDE	
6. BIRTHPLACE (City or Town, State or Foreign Country)		7. USUAL RESIDENCE (Street & No. or Rur. Rte. County, State)	
8. PREVIOUS MARITAL STATUS	9. NUMBER OF PREVIOUS MARRIAGES	10. EVIDENCE OF AGE	
11. FATHER'S NAME		12. MOTHER'S MAIDEN NAME	

BRIDE		14. COLOR OR RACE	
13. FULL NAME (First, Middle, Last)			
15. DATE OF BIRTH (Month, Day, Year)	16. AGE (Last Birthday)	17. RELATIONSHIP TO GROOM	
18. BIRTHPLACE (City or Town, State or Foreign Country)		19. USUAL RESIDENCE (Street & No. or Rur. Rte. County, State)	
20. PREVIOUS MARITAL STATUS	21. NUMBER OF PREVIOUS MARRIAGES	22. EVIDENCE OF AGE	
23. FATHER'S NAME		24. MOTHER'S MAIDEN NAME	

Bride and groom must sign. →

The applicant(s), being first duly sworn, declares that the statements above are true and correct.	
25. SIGNATURE OF GROOM	26. SIGNATURE OF BRIDE
27. Taken, subscribed and sworn to before the undersigned authority by the applicant(s) above, this _____ day of _____, 19____.	
County Clerk By _____	
Deputy Clerk, County Court of _____ County, W. Va.	

To County Clerk:
 1. Transcribe information from marriage license to Record of Marriage.
 2. Item 31: Enter date this record is completed.

RECORD OF MARRIAGE		
28. DATE OF MARRIAGE (Month, Day, Year)	29. COUNTY OF MARRIAGE	30. CITY OR TOWN OF MARRIAGE
31. OFFICIANT'S A. NAME		B. ADDRESS
C. AUTHORIZED POSITION		D. CIVIL OFFICIAL
32. SIGNATURE OF COUNTY CLERK		33. DATE FILED (Month, Day, Year)

VS-5008 (Rev. 7-1-65)

Monthly Report of Divorces and Annulments of
Marriage Granted

WEST VIRGINIA STATE DEPARTMENT OF HEALTH
DIVISION OF VITAL STATISTICS

Page No. _____

MONTHLY REPORT OF DIVORCES AND ANNULMENTS OF MARRIAGE GRANTED

COUNTY

REPORT FOR THE MONTH OF _____ 19 ____

[illegible]

DVS-9 (5-'67)

(SEE REVERSE SIDE FOR INSTRUCTIONS AND CERTIFICATION)

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APPENDIX B GROUPINGS OF ICDA CODES

<u>I.C.D.A.</u>	<u>SELECTED CAUSES</u>
001-009	Intestinal infectious diseases
010-018	Tuberculosis
038	Septicemia
140-208	Malignant neoplasms
150-159	--of digestive organs and peritoneum
160-165	--of respiratory and intrathoracic organs
179-189	--of genitourinary organs
210-239	Benign neoplasms, carcinoma in situ, and neoplasms of uncertain behavior and of unspecified nature
250	Diabetes mellitus
260-269	Nutritional deficiencies
280-285	Anemias
390-448	Major cardiovascular diseases
390-398,	
402, 404-	
429	Diseases of the heart
401, 403	Hypertension with or without renal disease
430-438	Cerebrovascular diseases
440	Arteriosclerosis
441-448	Other diseases of arteries, arterioles, and capillaries
480-487	Pneumonia and influenza
480-486	Pneumonia
487	Influenza
490-496	Chronic obstructive pulmonary disease and allied conditions
490-493	Bronchitis, emphysema, and asthma
500-508	Pneumoconiosis and other lung diseases due to external agents
500	Coalworker's pneumoconiosis
531-533	Ulcer of stomach and duodenum
550-553,	
560	Hernia of abdominal cavity and intestinal obstruction
571	Chronic liver disease and cirrhosis
574-575	Cholelithiasis and other disorders of gallbladder
580-589	Nephritis, nephrotic syndrome, and nephrosis
590	Infection of kidney
740-759	Congenital anomalies
760-779	Certain conditions originating in the perinatal period
765	Disorders relating to short gestation and unspecified low birthweight
767-769	Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome
780-799	Symptoms, signs, and ill-defined conditions
E800-E949	Accidents, all forms
E810-E825	Motor vehicle accidents
	Home accidents
	Work accidents
E950-959	Suicide
E960-969	Homicide
Residual Codes	All other causes